

# Harikara Prasadh

## Software Engineer

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### SUMMARY

**Trainee Full-Stack Developer with 1 year of experience at Hexzyon (Pvt) Ltd**, skilled in JavaScript, React.js, Next.js, Node.js, Express.js, FastAPI, and Golang. Currently pursuing a Bachelor's degree in Information Technology, having completed the 4th Year, 2nd Semester, with expected graduation in 2026. I am eager to apply modern web technologies, grow alongside experienced engineers, and contribute to a high-impact team building reliable and scalable solutions.

### EXPERIENCE

|                                                                                                                                                                                                                                                                                                |                                                                                                                                        |         |
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| 07/2025 – Present                                                                                                                                                                                                                                                                              | <b>Hexzyon</b>  , <i>Trainee Full-Stack Developer</i> | Colombo |
| <ul style="list-style-type: none"><li>Collaborated with designers and product owners to implement technical solutions, developed clean and maintainable code following best practices, and continuously improved full-stack development skills by learning new frameworks and tools.</li></ul> |                                                                                                                                        |         |

### JOB RESPONSIBILITIES

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| <ul style="list-style-type: none"><li>Developed and maintained full-stack web applications using React.js, Next.js, and Node.js following company coding standards</li><li>Collaborated with UI/UX designers to translate Figma designs into responsive, pixel-perfect web interfaces</li><li>Wrote and maintained unit and integration tests using Jest to ensure code reliability and reduce regression bugs</li><li>Worked with PostgreSQL and MongoDB databases to design schemas, write queries, and optimize data retrieval</li><li>Integrated AI/LLM capabilities into web applications using LangChain and RAG pipeline architectures</li></ul> | <ul style="list-style-type: none"><li>Built and integrated RESTful APIs using Express.js and FastAPI to support frontend features and third-party services</li><li>Participated in Agile sprint cycles including daily standups, sprint planning, and retrospectives</li><li>Managed containerized development environments using Docker and contributed to CI/CD pipelines via GitHub Actions</li><li>Conducted code reviews and provided constructive feedback to peers to maintain code quality across the team</li><li>Documented technical implementations, API endpoints, and deployment procedures for internal knowledge sharing</li></ul> |
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### KEY PERFORMANCE METRICS

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| <ul style="list-style-type: none"><li>Delivered assigned sprint tasks on time with a consistent completion rate across all active sprints</li><li>Cut environment setup time for new features by containerizing services with Docker</li><li>Contributed to 3+ production-ready features across the full stack within the first 6 months</li><li>Achieved consistent positive feedback in code reviews with minimal requested revisions per pull request</li><li>Successfully integrated LLM-powered features that reduced manual effort on targeted workflows</li></ul> | <ul style="list-style-type: none"><li>Reduced bug reintroduction rate by implementing automated Jest test suites covering critical application flows</li><li>Maintained zero critical deployment failures through structured CI/CD workflows on GitHub Actions</li><li>Reduced average API response time by optimizing PostgreSQL queries and implementing efficient data-fetching patterns</li><li>Improved frontend load performance by applying lazy loading and component-level code splitting in Next.js</li><li>Maintained clean Git history with conventional commits and zero merge conflicts on shared branches</li></ul> |
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### EDUCATION

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 09/2022 – Present | <b>BSc (Hons) in Information Technology specialization in Information Technology, SLIIT</b>  | Malabe |
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CERTIFICATES

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| <b>Docker Fundamentals<br/>Crash Course for<br/>developer</b><br>Udemy | <b>AWS SimuLearn:<br/>Computing Solutions</b><br>AWS Training &<br>Certification | <b>Introduction to Azure<br/>virtual machines</b><br>Microsoft |
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PROJECTS

- ChatLine** *Real-Time Chat App*
- Developed a **real-time chat application** using **Next.js** and **Node.js**, enabling instant messaging through WebSockets. Implemented responsive UI components, backend messaging services, automated testing with **Jest**, and **Docker**-based deployment with CI integration.
- Webina** *AI- Website Creator*
- Developed an **AI-powered software engineering LangChain** application that automates development tasks using modern **AI** technologies. Implemented intelligent workflows, backend services, and integrations to improve productivity and **streamline** software development
- LineCut** *URL Shorter*
- Built a **Go-based URL shortener** application that generates unique short codes and maps them to original **URLs** for fast redirection. Implemented REST APIs for creating and managing links, with persistent storage and optimized low-latency redirect handling.

SKILLS

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| <b>Language &amp; Backend</b><br>Node.js, Python, Java, Golang (Beginner)          | <b>Freamwork</b><br>Next.js, FastAPI, React.js, Spring Boot (basic proficiency) |
| <b>Devops/CICD</b><br>Docker, Git, GitHub Actions, Google Cloud, AWS               | <b>Database</b><br>PostgreSQL, MySQL, MongoDB                                   |
| <b>Tools &amp; Methodologies</b><br>Stripi, Postman, DockerHub, Code Review, Agile | <b>AI-Concepts</b><br>RAG, LLM, Prompt Engineering                              |

COURSES

|                   |                                                                                                                                                                            |
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| 01/2026 – Present | <b>The AI Engineer Course 2026: Complete AI Engineer Bootcamp</b> <i></i><br>Complete AI Engineer Training: Python, NLP, Transformers, LLMs, LangChain, Hugging Face, APIs |
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RESEARCH

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| 07/2025 – 05/2026                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>CAREER COUNSELLING BY ANALYZING ACADEMIC BEHAVIOR AND SCORE, (2025–2026)</b> <i>SLIIT Final Year Research Project</i> | Sri Lanka |
| <ul style="list-style-type: none"><li>Developed an AI-powered career guidance system integrating XGBoost classification, facial emotion recognition, and OCEAN/RIASEC personality models</li><li>Scraped and processed real job market data from TopJobs.lk <i></i> to provide personalized career recommendations</li><li>Implemented multi-modal assessment combining personality profiling and emotional state detection for accurate guidance</li></ul> |                                                                                                                          |           |

INTERESTS

- Full-Stack Development
  - DevOps & Automation
- AI Engineering / LLM Applications
- Cloud Infrastructure

SOFT SKILLS

- Problem solving
  - communication
  - Problem-Solving and Creativity
- Team collaboration
  - Analytical Thinking
  - Time Management and Prioritization