Hariprasath G

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Software Engineer

About Me

I am a dedicated and results-driven B.Tech student in Artificial Intelligence and Data Science at Arunai Engineering College, with hands-on experience in web development, IoT, and data analysis. Currently developing a mobile application using Expo and React Native for car booking and travel management, showcasing my ability to design and implement real-world, user-centric solutions. I am passionate about learning and working with emerging technologies such as FastAPI, Docker, and modern frontend frameworks, and I aim to apply my technical expertise to build efficient, scalable, and innovative software systems. I excel in collaborative environments and am highly motivated to take on challenging projects that foster continuous learning and professional growth.

Technical skills

- Programming Languages & Scripting: Java 8+, Python, JavaScript, TypeScript, OOPs, DSA
- Web & App Development: HTML, CSS, JavaScript, TypeScript, React Native, Expo
- Frameworks & Libraries: Node, Express, Microservices, FastAPI
- Web Services: RESTful APIs, Socket
- Databases: PostgreSQL, MongoDB
- Containerization & Orchestration: Docker, Kubernetes
- Development Tools & IDEs: Eclipse, IntelliJ IDEA, VS Code, Postman
- Version Control: Git, GitHub
- CI/CD & Deployment: GitHub Actions, Docker, Kubernetes
- Data Visualization & Reporting: Matplotlib, Seaborn, Pandas, NumPy, Power BI & ETL Pipelines
- Methodologies: Agile, Scrum
- Productivity Tools: Microsoft Excel, Word, Microsoft 365 Applications

Experience

Web Trendz Technologies India Private Limited — MERN Stack Developer Intern Link
July 2025 – August 2025

Worked as a MERN Stack Developer Intern, contributing to the design and development of dynamic and responsive web applications. Collaborated with the development team to implement full-stack solutions using MongoDB, Express.js, React.js, and Node.js, following Agile methodologies for efficient project delivery.

Roles & Responsibilities:
- Developed and maintained responsive web interfaces using React.js, JavaScript, and Tailwind CSS.
- Built and integrated RESTful APIs using Node.js and Express.js for seamless frontend-backend communication.
- Designed and managed MongoDB databases for efficient data handling and performance optimization.
- Collaborated using Git and GitHub for version control and workflow management.
- Participated in sprint meetings, code reviews, and contributed to project documentation.

Project: Hask AI — Full Stack AI Web Application Link

Aug 2025 – Present | *Self-developed*

Hask AI is an intelligent web application integrating **text-to-text**, **text-to-image**, and **image-to-image** generation using **Groq AI API**, **Hugging Face API**, and **Gemini AI API**. Built with a modern **MERN stack** architecture, it provides secure authentication, real-time chat interaction, and advanced AI-driven image generation within a unified platform.

Roles & Responsibilities:

- Developed a full-stack AI platform using React, Node.js, Express, and MongoDB with secure JWT authentication.
- Integrated Groq AI, Hugging Face, and Gemini APIs for intelligent chat, text-to-image, and image-to-image generation.
- Designed a modern, responsive UI delivering an intuitive and seamless user experience.
- Managed version control, collaboration, and deployment through GitHub.

Certifications

- Web Trendz Technologies India Private Limited — MERN Stack Developer Intern
- Internship at Praya Labs - IoT projects.

Expertise

- Full-Stack Web Development (MERN)
- Backend Development & RESTful APIs
- Microservices Architecture
- Database Design & Optimization (MongoDB, PostgreSQL)
- Cloud-Native Application Development (GCP)
- Containerization & Orchestration (Docker, Kubernetes)

Achievements

- National Level Hackathon (24 hrs.) Link

- CSI Award –Innovation Project Award Link

Education

Qualifications	Institute	University/Board	Year of Passing	%
B. Tech in Artificial Intelligence and Data Science	Arunai Engineering College	Anna University	2026	8.2 (CGPA)
XII – HSC	SIG Hr. Sec School	Tamil Nadu	2022	88%
X - SSLC	SSV Hr. Sec School	Tamil Nadu	2020	85%

Strengths

- **Adaptable and Rapid Learner**
- **Advanced Technical Expertise**
- **Collaborative Team Player**
- **Strategic Problem-Solving Ability**
- **Clear and Persuasive Communication**

Hobbies

- **Personal Project Development**
- **Competitive Programming & Algorithmic Problem-Solving**
- **Continuous Learning & Skill Enhancement**