Gururaj V A

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EDUCATION

K S Institute of Technology   Bengaluru
Bachelor of Engineering in Computer Science and Engineering (CGPA: 7.5)   *2022 – 2026*

EXPERIENCE

Web Developer Intern   May 2025 – June 2025
Vaultofcodes   *Remote*

* Developed multiple frontend projects including a To-Do List app, Blog Platform, Product Landing Page, and Online Booking System using React and modern web technologies.
* Implemented responsive UI designs and integrated REST APIs for real-time data interaction.

AI and Prompt Engineering Intern   June 2025 - July 2025
Vaultofcodes   *Remote*

* Developed a basic AI assistant using Python, incorporating NLP techniques and prompt optimization.
* Conducted prompt experiments to improve output accuracy and model performance.

Java Developer Intern   July 2025 – Aug 2025
Vaultofcodes   *Remote*

* Built a Text Encoder/Decoder tool using Java loops, conditionals, and string manipulation, supporting dynamic shift-based encryption similar to Caesar Cipher.
* Designed user-interactive menus, handled input validation, and managed edge cases to ensure smooth functionality.

PROJECTS

AI.D | *Node.js, Express.js, HTML/CSS, JavaScript, MySQL, AWS RDS, S3, EC2.*   **Link**

* Developed a cloud-based medical history management system for secure storage and access of patient records.
* Designed a user-friendly web interface to simplify medical data handling.
* Aimed to enhance data accessibility and efficiency for healthcare professionals and patients.

AlumniConnect | *React.js, Node.js, Python, MySQL, HTML, CSS, JavaScript, AWS RDS, S3, Lambda.*   **Link**

* Creating an interactive platform to bridge the gap between alumni and students.
* Promoting mentorship and guidance to support student growth and development.
* Enabling professional networking and career opportunities within the academic community.

DrishyaAI | *Next.js, React, Tailwind, Node.js, Clerk, OpenAI API, ESLint, Prettier, NProgress.*   **Link**

* Leading development of drushya.ai, an AI-powered content platform using Next.js, React, TypeScript, and OpenAI APIs, currently under active development.
* Designed and built core features like script editors, image and caption generators, and user authentication with Clerk, ensuring scalable code architecture.
* Set up automated build workflows, code quality tools (ESLint, Prettier), and environment configurations to support continuous integration.

Face recognition login system | *Python, HTML, CSS, JavaScript, KPCA algorithm.*   **Link**

* Implemented a face recognition system leveraging Kernel Principal Component Analysis (KPCA) for efficient dimensionality reduction and feature extraction.

OPEN SOURCE CONTRIBUTION

Joomla Workflow Enhancer | *PHP, JavaScript, Joomla MVC.*   **Link**

* Modernized workflow UX with email alerts + dashboard widgets, reducing content management friction by 30% while adhering to Joomla coding standards and core API integration for enhanced accessibility.
* Open-sourced under GPL-2.0 with PHPUnit tests (85% coverage), GitHub Actions CI/CD, and community-driven refinements via Joomla forums.

Joomla Content Migration CLI | *PHP, Docker, REST APIs.*   **Link**

* Developed PHP CLI tool to automate Joomla-to-WordPress content migration, reducing manual transfer time by 90% through batch processing and dynamic schema detection for 1,000+ articles.
* Designed JSON:API-compliant content model enabling bidirectional data sync between Joomla and WordPress, solving cross-platform content management challenges.

TECHNICAL SKILLS

Languages: Java, C, SQL , JavaScript, HTML/CSS
Frameworks: React, Node.js, Express.js, RestAPI
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, IntelliJ, Eclipse