

# G CHETHAN AKASH

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🌐 [LinkedIn](#) | 🐙 [GitHub](#) | 🌐 [Portfolio](#)

## ABOUT ME

Full-stack software engineering student with hands-on experience building end-to-end web applications using React, Node.js, and PostgreSQL. Proven ability to architect RESTful APIs, implement authentication systems, and ship production-ready features in Agile/Scrum environments.

## TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript, C, C++, SQL, React, Node.js, Express, React Native, HTML5, CSS3, Tailwind
- **Backend & Databases:** RESTful API Design, PostgreSQL (schema design, normalized tables, indexed queries), JWT, RBAC
- **Software Engineering:** Agile/Scrum, Git collaboration & PR reviews, CI/CD with Vercel & Render, Authentication & Authorization
- **AI & Data:** Prompt Engineering, Scalable Data Preprocessing (Apache Spark), Model Evaluation
- **Tools:** Git, GitHub, VS Code, Vercel, Render, PostgreSQL    **Interests:** Agentic AI, RAG Systems, Finance, Entrepreneurship

## PROJECTS

### ThinkFlow – AI-Assisted DSA Learning Platform [🐙 Repo](#) | [Live Link](#)

Tech: Next.js, Node.js, Express, PostgreSQL

- Architected a full-stack system with RESTful APIs and PostgreSQL for problem storage, user submissions, and AI-driven evaluation workflows.
- Built AI logic-analysis and compilation-support features that provide contextual hints rather than direct answers, improving learning outcomes.
- Deployed on Vercel with a scalable, production-ready configuration handling concurrent users.

### Student Task Management Web Application [🐙 Repo](#) | [Live Link](#)

Tech: React, Node.js, Express, PostgreSQL

- Developed responsive React components within a two-week Scrum sprint cycle, attending daily standups and sprint reviews.
- Implemented backend REST APIs with JWT-based authentication and role-based access control (RBAC).
- Designed a normalized PostgreSQL schema with indexed queries; managed collaborative Git workflows including PR reviews and merge conflict resolution.

### Airath Company Website [🐙 Repo](#)

Tech: React, Node.js, Database

- Built a full-stack website supporting product browsing and e-commerce flows for a startup, integrating backend APIs with React UI components.
- Collaborated with teammates to translate product specifications into technical features; participated in iterative UI reviews before deployment.

## EXPERIENCE

### Sarvagya Nirakar Community Jul 2025 – Sep 2025

Frontend Developer Intern [📄 Letter of Recommendation](#)

- Developed responsive React components and integrated backend APIs to implement role-based access control and JWT authentication in a Scrum team.
- Translated Figma designs into high-performance, reusable React components using Tailwind CSS; conducted unit testing and cross-browser UI reviews.

## EDUCATION

### SRM Institute of Science and Technology Aug 2023 – Present

B.Tech – Computer Science (Cloud Computing) CGPA: 9.07 / 10

### Narayana Junior College 2023

Class XII – MPC Percentage: 90.7%

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional [\[View\]](#)
- Oracle Cloud Infrastructure 2024 Foundations Associate [\[View\]](#)
- NPTEL Database Management System [\[View\]](#)
- Mobile App Development Internship (Sarvagya Nirakar) [\[View\]](#)

## POSITIONS OF RESPONSIBILITY

### Airath Innovations Pvt. Ltd. Sep 2025 – Present

Technical Lead

- Researched 7+ competitor platforms, benchmarking product flow and market gaps; designed 15+ core screens (landing page & dashboard) with one teammate.
- Orchestrated weekly technical syncs to align frontend development with business goals and founder vision.