

Prajwal V Raghavendra

Undergraduate Student | Aspiring Devo& Backend Engineer

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🔗 github.com/prajwal1357

Summary

Highly motivated BCA student with hands-on experience in Backend Development and DevOps. Skilled in developing scalable APIs with Node.js, Express.js, and MongoDB, while leveraging Docker, Kubernetes, AWS, Terraform, and Linux to automate deployments and manage cloud infrastructure. Eager to build reliable backend systems and continuously expand expertise in cloud-native technologies.

Skills

🕒 Languages & Frameworks

JavaScript, TypeScript, Python, Node.js, Express.js, FastAPI, Next.js, MongoDB, Supabase (PostgreSQL), RESTful APIs, WebSockets
React

🕒 Databases & Backend

🕒 Tools & DevOps

Docker, Nginx, Git/GitHub, CI/CD Pipelines, RAG Systems (AI), Kubernetes, Jenkins, AWS, Terraform, Ansible, Grafana, Prometheus, Argo CD

🕒 Key Competencies

Database Management, Scalable Architecture, Role-Based Access Control (RBAC), Load Balancing

Experience

Full Stack Developer Intern | Infosys | Remote

2 months

Projects

Infy Campus Hub

Node.js, Express, React, MongoDB, WebSockets

- Developed a comprehensive event management platform featuring Role-Based Access Control for Super Admins, Organizers, and Students.
- Integrated gamification and networking modules to drive student engagement and community building.
- Managed real-time updates for event activities using WebSockets.

https://github.com/springboardmentor212/CampusEventHub_Team1

Thermiq (Smart City Digital Twin)

FastAPI, React, Tailwind CSS, Machine Learning

- Architected a real-time platform for urban planners to simulate and visualize "heat island" effects.
- Developed a live weather synchronization dashboard and an AI auto-planner to optimize city cooling strategies.
- Utilized machine learning models to provide data-driven recommendations for urban infrastructure.

<https://github.com/prajwal1357/heat-island>

Price Drop Tracker

Next.js, TypeScript, Supabase

- Built an end-to-end web scraper and tracking application that monitors product prices on Amazon and Flipkart.
- Implemented an automated email alert system to notify users of price changes in real-time.
- Designed a clean, responsive UI with Next.js and managed persistent data with Supabase.

<https://github.com/prajwal1357/Price-drop-tracker>

Education

St Aloysius College, Mangalore

Bachelor of Computer Applications (BCA) • CGPA: 9.2 / 10.0

Computer Applications

Mangalore • Expected Graduation: 2027

Current Standing: 3rd Year

Interests

🕒 Hackathons

Rapid prototyping, Time-bound challenges

🕒 Open Source

Community-driven projects, Exploring new tech stacks

🕒 Cloud Computing

Deployment strategies, Server management