Aditya Dasappanavar

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SUMMARY:

Full-stack software developer focused on **building efficient, user-centric applications** with a strong foundation in software design and system optimization. Skilled at delivering **reliable, high-performance solutions** that enhance usability and scalability.

TECHNICAL SKILLS:

- **Languages & Frameworks:** Python, JavaScript, React.js, Node.js, Express.js, HTML5, CSS3
- **Databases: MySQL, PostgreSQL**
- **Tools & Platforms:** Git, GitHub, VS Code, REST APIs, Agile/Scrum
- **Core Competencies:** Web Application Development, API Integration, Cloud-Ready Architectures

EXPERIENCE:

Project Engineer (Academic Role) | Tech Lead   **Jul 2025 – Present**

- Architected and deployed a smart learning platform with **5+ interactive modules,** improving access to digital education for **200+ rural students** in the pilot phase.
- Engineered an **offline-first PWA** with React.js + Node.js + PostgreSQL**,** integrating **WebRTC + Bluetooth/Wi-Fi Direct** to reduce internet dependency by **70%,** enabling students in low-bandwidth regions to access content seamlessly.
- Directed a **3-member Agile team,** implementing Scrum practices that improved sprint completion rates by **80% a**nd accelerated feature releases by **25%.**
- **Optimized backend performance** via architectural redesign and rigorous testing**, r**educing server response times by **30%** and lowering production bugs by **40%,** leading to smoother deployments

PROJECTS:

AI-Powered Portfolio Website

- **Developed** a personal portfolio platform with **AI chatbot integration**, allowing recruiters to instantly query project insights.
- **Showcased 15+ projects**, leading to a **2x increase in recruiter engagement** during campus placements and professional networking events.
- **Optimized** performance using React.js + Tailwind CSS + Node.js, delivering **40% faster load times** and ensuring **100% mobile responsiveness**.

E-commerce Website

- **Engineered** a full-stack e-commerce solution supporting **500+ SKUs**, featuring secure checkout, user authentication, and order history.
- **Scaled** the system to handle **100+ daily active users** without downtime, ensuring smooth shopping experiences.
- **Improved conversion rates by 20%** by optimizing page load times (40% faster) and refining checkout workflows.

Employee Management System

- **Designed** and deployed an employee management tool to handle **1000+ employee records** with payroll automation and task assignments.
- **Automated** payroll processes, reducing administrative overhead by **60%** and increasing payroll accuracy by **25%** through structured SQL queries and data validation.
- **Delivered** a role-based access control system to ensure secure operations across departments.

EDUCATION:

Presidency University   **Nov 2022 - Jul 2026**

Bachelor's Degree in Computer Science and Engineering   Bangalore

Prarthana PU Science College   **Jun 2020 - Apr 2026**

Pre-University | PCMB   Bagalkot

CERTIFICATIONS:

- **Python -** [GeeksforGeeks](#)
- **JavaScript -** [HackerRank](#)
- **Web Development -** [Internshala](#)
- **CSS -** [HackerRank](#)
- **Generative AI -** [GeeksforGeeks](#)