

# Damini S

[daminis061123@gmail.com](mailto:daminis061123@gmail.com) — [github.com/DAMINI06-CODE](https://github.com/DAMINI06-CODE) — [linkedin.com/in/damini-s-121663258](https://linkedin.com/in/damini-s-121663258)

+91 99455 55715

## Education

|   |           |
|---|-----------|
| <b>BE, HKBK College of Engineering, Bangalore</b><br>CGPA: 9.02 | 2021–2025 |
| <b>PUC, Soundarya PU College, Bangalore</b><br>88%              | 2019–2021 |
| <b>SSLC, Triveni High School, Bangalore</b><br>89%              | 2018–2019 |

## Technical Skills

**Programming Languages:** Python, Java, JavaScript, TypeScript, C, HTML, CSS

**Frameworks:** React, Next.js, Express, Vite, Tailwind CSS

**Databases/ORM:** PostgreSQL, Prisma, MongoDB

**Tools:** Docker, GitHub Actions, Git, Axios

**Platforms:** Firebase, AWS, GitHub Pages, VS Code, MongoDB Atlas

**Soft Skills:** Problem Solving, Teamwork, Communication, Planning

## Projects

- **Crimson Alert — AI-Powered Personal Safety & Crime Management** Built with Next.js, TypeScript, Firebase, and Google Genkit. Developed real-time incident reporting and AI-powered analysis (categorization, severity detection, recommendations). Implemented live alerts, case file storage in Firestore, and AI-driven location risk assessment.
- **Task Manager** Created using React, Node.js, PostgreSQL, and Prisma. Implemented task CRUD with filters (To-Do/Board/Calendar), hide completed tasks, and sorting. Containerized with Docker, integrated CI/CD via GitHub Actions, and migrated from MongoDB to relational schema.
- **E-Commerce Platform** Developed using React (Vite), Node.js, Express, MongoDB, JWT, and Tailwind CSS. Features include secure authentication, GPS-based address detection, multi-address management, and AI-enhanced product descriptions with real-time cart and wishlist sync.
- **Real Estate Listing Platform(Next.js, TypeScript, Tailwind CSS, Vercel)** Inspired by Pillar Markets. Built a landing page with modular UI components and deployment-ready architecture. Designed for scalability and seamless deployment on Vercel.
- **Personal Portfolio Website** Built with Next.js, TypeScript, Tailwind CSS, and ShadCN UI. A fully responsive portfolio to showcase projects, skills, and research. Designed to be simple to maintain and expand.

## Internships

**Data Science with AIML, Cranes Varsity** Oct–Nov 2023  
Gained hands-on experience with **model training, analysis, cleaning, and processing**. Implemented end-to-end workflows in data science and AI/ML pipelines.

**AWS Academic Cloud Foundation, Gleamator Technologies LLP** Mar–Apr 2025  
Covered **theoretical concepts of AWS cloud foundations** including core services and best practices. Completed guided labs and exercises on AWS services.

## Research & Publications

**A Comprehensive Review of Existing Smart Summary Recommendation Model Enhanced Through RL and XAI Techniques**

Published in IEEE, presented at 2024 International Conference on Sustainable Communication Networks and Applications (ICSCNA).

**AI Revolutionizing Data Security and Privacy in Banking: A Deep Dive Analysis**

Presented at 15th Int'l Conf. on Recent Engineering & Technology (ICRET), May 2024.

## Certifications

---

- C Programming (May 2022)
- Java Beginner Guide (Feb 2023)
- MongoDB 101 (Oct 2024)
- Blockchain Developer (Oct 2024)
- Cloud Computing (Nov 2024)
- Fullstack Development (Feb 2025)