

Shubham Vaity

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Summary

Enthusiastic software developer with expertise in full-stack development (MERN, AWS), microcontrollers (Arduino, Raspberry Pi), and FPGA-based systems. Adept at problem-solving, quick learning, and delivering scalable applications. Passionate about leveraging technology to create impactful solutions.

Education

Bachelor of Engineering (B.E.) – Electronics and Telecommunication Engineering
St. Francis Institute of Technology | 2021 - 2025 | CGPA: 8.75

Higher Secondary Certificate (HSC)
Vartak College, Vasai | 2019 - 2021 | 95.33%

Technical skills

- **Programming Languages:** Python, C, Java, JavaScript
- **Web Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js), AWS, REST APIs
- **Hardware:** Microcontrollers (Arduino, Raspberry Pi), FPGA Boards
- **Tools & Platforms:** Linux, Git, Agile Methodologies

Projects

- **Wanderlust – Travel Booking App:** A full-stack application for seamless travel browsing and booking, featuring secure authentication, interactive UI, and cloud-based storage.
- **ATM Machine Using FPGA:** An FPGA-based ATM system supporting deposits, withdrawals, and balance checks with 95% accuracy.
- **Health Monitoring System:** A real-time health monitoring system using Arduino and IoT sensors, displaying patient data on a web dashboard.
- **JavaScript-Based Games:** Developed interactive games (Simon Says, Sudoku Solver, Pac-Man) in JavaScript, enhancing performance and engagement.

Soft skills

Quick learning | Time Management | Problem-Solving | Effective communication

Languages

English | Hindi | Marathi

Links

Github | [MyGithub](#)

Linkedin | [MyLinkedin](#)