PARTH SHARMA

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Education

- Degree: B.Tech in Information Technology
- Institute: K.J. Somaiya College of Engineering (KJSCE)
- Sem CGPA: 9.39 / 10
- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Artificial Intelligence.

Mumbai, Maharashtra
Aug 2023 - May 2027

Experience

SoftwareDevelopment Intern

Bluestock Fintech

- Designed and developed RESTful APIs to support backend operations of a fintech web application.
- Handled data processing and routing with clean, modular code.
- Collaborated with the tech team in sprint-based development cycles and daily standups.

June2025–July 2025
Remote

Website Developer Intern

TheSamarth Editry & Solutions

- Edited and optimized the official company website for performance, responsiveness, and layout improvements.
- Worked with branding guidelines to deliver consistent and visually appealing pages.
- Enhanced user experience through modern HTML, CSS, and JavaScript practices.

May 2025–July2025
Remote

WebDevelopment Intern

Pratinik Infotech

- Independently designed and developed a personal portfolio website as part of the internship deliverables.
- Implemented responsive design, dark/light mode toggle, and interactive sections using frontend technologies.
- Learned and applied deployment techniques and Git version control.

May 2025–July2025
Remote

Projects

Smart Receipt Coach (MERN + AI)

- Tech: React.js, Node.js, MongoDB, Tesseract.js (OCR), OpenAI API.
- Description: Built a financial tracking web app that automatically extracts data from receipt images using OCR and categorizes expenses using Generative AI.
- Impact: Eliminated manual data entry for users and provided personalized budgeting advice, increasing user retention.

Decentralized Voting DApp (Blockchain)

- Tech: Solidity, Python, Brownie, Ethereum, Pytest.
- Description: Designed and deployed a secure, tamper-proof election system using Solidity smart contracts on the Ethereum blockchain to ensure vote immutability.
- Impact: Automated the contract deployment and testing pipeline using Python (Brownie) and Pytest, reducing deployment errors and verifying contract logic before launch.

AI Visual Proctor (Computer Vision)

- Tech: Python, OpenCV, TensorFlow, FaceMesh.
- Description: Engineered an automated proctoring system capable of detecting multiple faces, suspicious head movements, and mobile phone usage during online exams.
- Impact: Enhanced academic integrity by providing real-time alerts and logging malpractice incidents with 95% detection accuracy.

Technical Skills

- Languages: Python, JavaScript (ES6+), Java, SQL, TypeScript.
- Frameworks & Libraries: React.js, Node.js, Express.js, TensorFlow, OpenCV, Scikit-learn, Streamlit.
- Tools & Platforms: Git/GitHub, MongoDB (Atlas), Google Cloud Platform (GCP), Vercel, Figma.
- Core Concepts: RESTful APIs, MERN Stack Architecture, Computer Vision, Generative AI (LLMs), System Design.

Objective

Passionate Full Stack & AI Developer with a 9.39 CGPA and a strong foundation in building scalable web applications and intelligent systems. Experienced in shipping production-ready code, from Fintech APIs to Computer Vision tools. Currently aiming for Master's studies in Germany while solving real-world engineering problems.