Akash Parmar

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Education

Vellore Institute of Technology   **July 2021 - May 2025**
B.Tech-Computer Science and Engineering - ***CGPA - 8.25***   *Bhopal, Madhya Pradesh*

Technical Skills

Languages: C++ , Python , HTML , CSS , JavaScript .
Frameworks: React.js, Tailwind CSS ,TypeScript, Node.js, Express.js, Next.js ,Django, RESTful APIs , StreamLit , Lambda , AWS, EC2 .
Databases: SQL, MySQL, MongoDB, Firebase .
Developer Tools: GIT, MySql, Figma, Visual Studio, Android Studio, Postman.
Relevant Subjects: Database Mangement System, Object-Oriented Programming, Operating System

Experience

Netfotech Solution   **Apr 2025 - Aug 2025**
Software Development Engineer (SDE)   *Pune, Maharashtra*

- Developed and maintained full-stack applications using the **MERN stack** (MongoDB, Express.js, React.js, Node.js), ensuring seamless functionality and performance across front-end and back-end
- Designed and implemented role-based dashboards for multiple users including Super Admin, Company Admin (Hospital), Doctor, Lab Technician, Patient, and Accountant, enhancing system accessibility and usability.
- Built, **tested**, and Enhanced **RESTful APIs** to ensure smooth communication, system stability, and efficient data management
- Led projects such as Client Management System (CMS) for hospitals and Spirit of India, an e-commerce–style platform, enabling efficient management of users, products, and regional operations.

Innovation House Technologies Pvt Ltd   **Aug 2023 - Nov 2023**
Software Development Engineer (SDE) Intern   *Delhi*

- Executed intermediate projects during an internship program, Implemented and optimized web End-to-end platforms leveraging MERN technologies while ensuring robust testing & debugging..
- Engineered and launched a comprehensive **full-stack web application** within a team of 2, under seasoned mentorship.
- The Employee Management System includes comprehensive details about employees, such as personal information, job roles, and leave requests, enabling efficient tracking and management of employee records.

Projects

SwapPlant | *MERN (MongoDB, Express, React and Node Js.),Rest APIs.*   **Jan 2023 - May 2023**

- Created a platform for trading plants, which allowed users to exchange several plants with one another.
- Launched features for discovering, booking, and managing plant swaps, boosting user engagement and increasing transaction volume within the first quarter.
- Programmed a **scalable backend** using Node.js and Express.js, refined data storage with MongoDB, and used Postman for API testing, yielding a 25% increase in data processing efficiency.
- Link

Attendance Sculpture | *Python, StreamLit.*   **Jun 2023 - Nov 2023**

- Deployed a facial recognition system using biostatistics and high-definition monitoring, achieving 98% accuracy.
- Incorporated two features: real-time recognition through camera input and the ability to upload images for analysis.
- Link

Certifications

- AWS Certified Cloud Practitioner, | **Certificate**
- IamNeo HPC DSA Certified | **Certificate**
- Salesforce Developer Virtual Internship (Trailhead) | **Certificate**

Achievements

- Proficient in solving **data structures and algorithms** problems, solved over **500+** problems across platforms.
- **NPTEL Cloud Computing** : Achieved **Elite + Silver** qualification, ranking among the top **5%** candidates.
- Finalist in Hackathon 6.0 organized by Computer Society of India-UPES . Link
- Participated in an open innovative hackathon by **Meta x reskill** in collaboration with **Spark AR** and received swags.

Extracurricular

- Event Manegment lead of **Hindi Club** and **NSS Club**; Coordinated logistics for 15+ events with 3000+ attendees, raising participant satisfaction scores by 30% .
- Technical team Co-lead of **Insights Club** ; Architected and Boosted the club's website to meet member needs effectively, collaborating with a team of 7.