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# Priyanshu Subberwal

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## Software Engineer (Full Stack)

Full Stack Software Engineer with 2+ year of experience building scalable, secure, and high-performance web applications. Strong expertise in Python, Java, OOPs, REST APIs, and modern frontend frameworks like React and Angular. Experienced with Docker-based deployments and collaborative development in Linux environments. Passionate about building reliable systems at scale and continuously learning new technologies.

### EXPERIENCE

**Software Engineer** **Dec 2023 — Present**  
*PayNways India* *Noida, Uttar Pradesh*

- Designed and developed scalable web applications using Angular (16–19) and React, integrating secure and optimized REST APIs.
- Collaborated closely with backend teams to design end-to-end workflows, authentication flows, and data models.
- Implemented SSO authentication across multiple applications to enhance security and streamline access management.
- Built reusable and performance-optimized components (tables, pagination, filters) to efficiently handle large datasets.
- Developed interactive dashboards and visualizations using Chart.js, enabling data-driven decision-making.
- Optimized API calls using debouncing, caching strategies, and efficient state management for better system performance.
- Worked in a Linux-based development environment, actively using Git for version control and debugging production issues.

**Tech Stack:** Angular, React, TypeScript, JavaScript, Java, Spring Boot, Docker, Chart.js, Apache Nifi, Superset

**Full Stack Intern** **Sep 2023 — Dec 2023**  
*CERT-In (MeitY)* *New Delhi, India*

- Developed a secure web-based platform for Capture The Flag (CTF) challenges used for cybersecurity training.
- Integrated Python-based automation and explored Generative AI APIs to streamline challenge creation and evaluation.
- Built and maintained RESTful APIs using Python and Django, ensuring reliability and secure data handling.

**Tech Stack:** Python, Django, React.js, MySQL

### SKILLS

<b>Backend</b>	Java (Spring Boot), Python (Django), REST APIs, MySQL
<b>Frontend</b>	React (JavaScript), Angular (TypeScript), HTML, Tailwind CSS
<b>Concepts</b>	OOPs, Data Structure, Operating Systems, DBMS
<b>Tools</b>	Git, Postman, VS Code

### PROJECTS

#### VaxiTrack

- Developed a scalable mobile application to check vaccination slot availability and manage bookings.
- Designed secure backend APIs using Django, implementing user authentication and role-based access.
- Integrated push notifications and SMS alerts for reminders and real-time updates.
- Optimized database queries to handle high traffic and improve application performance.

**Tech Stack:** React native, Django, MySQL

#### Pashu Care

- Built a responsive web platform to support campaigns for stray animals and shelters.
- Implemented donation cards with real-time progress indicators.
- Added search, filter, and navigation features for improved user experience.

**Tech Stack:** HTML, CSS, JavaScript

### EDUCATION

**Kamla Nehru Institute of Technology** **Sultanpur, Uttar Pradesh**  
*Master of Computer Applications* *2021–2023*  
**GPA:** 8.0/10  
**Course Work:** Data Structure, OOPs, Database, Operating System

### ACHIEVEMENTS

**Qualified UGC NET (Computer Science Applications) – 2025**  
**Awarded the Team Player Award at PayNways India** for collaboration and project contribution.  
Solved **600+ problems** on GeeksforGeeks and LeetCode.  
Completed the **100 Days of Coding Challenge**, demonstrating consistency and discipline.