Antarpreet Singh

Project Engineer

📞 +91 8147535003
🏳 Bangalore, India

in antarpreetsinghsran
✉ antarpreetsingh566@gmail.com
⌂ antarpreetsinghsran

Work Experience

Wipro Ltd – Full Stack Developer — *Sept 2022 – Ongoing*
[MERN Stack, PostgreSQL, AWS, Grafana, SonarQube, Nexus, Docker] — *Bangalore, India*

- Developed robust web applications using MERN + PostgreSQL and integrated RESTFUL APIs.
- Designed and implemented a dynamic Productivity Dashboard featuring interactive tabs for data management and visualization from 10+ tools, boosting team efficiency by 40% and reducing data analysis time by 50 hours monthly.
- Created a Service Health Dashboard to monitor tool usage across teams, highlighting availability, downtime, and periods of inactivity to optimize costs. Added widgets to display open P1, P2, and CRs directly within the dashboard.
- Engineered responsive user interfaces (UI) using React's media queries, achieving a seamless experience across 5+ device types including desktops and tablets; facilitated smoother navigation for over 10,000 monthly users.
- Built a secure user authentication system utilizing JWT (JSON Web Token) for access control, and applied authorization logic to manage user access based on roles and permissions.
- Contributed to stable application development by implementing thorough unit tests for both front-end and back-end components using frameworks like Jest and Mocha, ensuring comprehensive coverage and early issue identification.
- Implemented Agile methodologies to enhance project adaptability and deliver continuous value through iterative development and regular stakeholder collaboration.

Great Learning – Software Developer Intern — *Apr 2022 – Jun 2022*
[MERN Stack, OOP's, C++, Microservices, Authentication] — *Bangalore, India*

- Learned Agile methodology while collaborating with a team to develop solutions from inception to completion. This involved various stages such as Figma design, ER model creation, Swagger APIs, and ultimately coding.
- Worked with the team and learned the concepts of Oops in C++ and MERN Stack.

Education

Punjab Technical University — *Kapurthala, India*
BTECH - CSE, 8.29 CGPA — *Aug 2018 – Aug 2022*

HVM Convent School — *Ludhiana, India*
Class XII (CBSE), 70% — *Mar 2016 – Mar 2017*

HVM Day Boarding School — *Ludhiana, India*
Class X (PSEB), 83.69% — *Mar 2014 – Mar 2015*

Certifications

Great Learning	MERN FullStack Intern	Sept 2022
Infosys Springboard	Ultimate Python3 Bootcamp	Aug 2022
Amazon	AWS Certified Solutions Architect- Associate	Mar 2024
Wipro	Generative AI	Aug 2023
PrepInsta	C and C++ NanoDegree	Mar 2021

Key skills

Languages	C, C++, HTML, CSS, JavaScript, Python, SQL
Frameworks/Tools	React JS, Node JS, Express JS, MongoDB, PostgreSQL, Docker, Kubernetes, Grafana, Figma, Mocha, Jest, AWS Cloud, GIT, SonarQube, Nexus, GitLab, Microsoft Excel
Technical Skills	Internet of Things, OOP's, Operating System, Unit Testing, Computer Networks, DBMS

Achievements | Position of Responsibility

- Lead a team during my internship, effectively managing all members and securing second place in the final deliverable.
- Achieved a remarkable 97% score in my Mern batch internship.
- Served as a head of a poetry club at my college.
- Acted as a class representative in college, leading team initiatives and effectively managing group projects.