Tarun Bisht

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EDUCATION

Chandigarh University   Sep '20 – Jul '24
Bachelor of Engineering in Computer Science   *Punjab, India*
- Cumulative CGPA : **8.04**

Govt.Model.Senior.Secondary.School   May '20
*XII (CBSE) | Percentage : **89.6***   *Chandigarh, India*

Govt.Model.Senior.Secondary.School   May '18
*X (CBSE) | Percentage : **82.6***   *Chandigarh, India*

WORK EXPERIENCE

Tech Mahindra   Sep '24 – Present
Associate Software Engineer   *Pune, India*
- Designed and developed a full-stack Java-based e-commerce app using **Spring Boot**, **Maven**, and **SQL** adhering microservices architecture to ensure scalability and fault tolerant.
- Integrated API Gateway, Load Balancer, Eureka Server, and Feign Client for seamless service discovery and efficient request handling, reducing inter-service latency by **40%**.
- Engineered secure buyer/seller auth with **JWT** enabling role-based access, enabling buyers to purchase products and sellers to manage product listings.
- Implemented modular services including product, order, cart, payment, buyer, seller, wishlist, and config and leveraged **Prometheus** for real-time service-level monitoring.

PROJECTS

CHATGPT 2.0 | Live | Code
- Developed a better version of ChatGPT, which gives accurate results of user queries with the help of **Open AI API's** using **React** for frontend.
- Devised **prompt refining** that can perform a better task as a coding prompt can only be used to generate coding responses.
- Achieved an accuracy of **87%** in response prediction and a user satisfaction level of **95%**, providing a seamless **user experience**.

WALLETH | Live | Code
- Launched a Web 3.0 Application that allows users to send transactions through the **Blockchain** using **React** and **Solidity**.
- Users can send **Ethereum** through the blockchain network and visit their transaction history.
- Generated API and **automated transactional** processes, improving the speed of transactions by **40%**.

ONLINE VOTING SYSTEM | Live | Code
- Introduced a Web App with a back-end on **PHP** & **MySQL** database and a front-end using **HTML**, **CSS**, **Javascript**, and **Bootstrap**.
- Added feature **login/signup** for voters or admin to vote according to their choice in the E-voting system.
- Enabled full access to the admin in the case of any **discrepancy** during the election.

TECHNICAL SKILLS

Programming Languages: C++, Java, SQL
Frameworks and Libraries: Spring Boot, Hibernate, Bootstrap, EJS, jQuery
Technologies: HTML, CSS, REST API, JSP, AWS, Microservices
Tools: Git, Postman, Docker, Maven, Linux

ACADEMIC ACHIEVEMENTS & EXTRA-CURRICULAR

- Secured 2nd rank in Revature's Technical Training Program | Certificate
- 5th out of 100 teams in the Open Innovation Field in IC HACK 2.0 | Certificate
- Claimed 80+ Skill Badges and 400+ Labs Completed | GCP Profile
- 4th out of 80 teams in Hackulus Hackathon | Certificate
- 747/10K+ in Codechef March Long Challenge 2022