Malhar Patel

portfolio
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EDUCATION

UNIVERSITY OF ALBERTA
Bachelor of Science with Specialization In Computing Science with Distinction
May 2023 | Alberta, CA

LINKS

Github:// **malhar2000**
LinkedIn:// **linkedin**

COURSEWORK

UNDERGRADUATE
Software Engineering
Web Applications and Architecture
Computer Architecture
Operating Systems
Intro. Artificial Intelligence
Information Retrieval

SKILLS

PROGRAMMING
Languages:
• C • C++ • Java • Python • Javascript • Typescript
Cloud and Tools:
• AWS • GKE • K8s
Dockers/docker-compose
Frontend:
• HTML • CSS • jQuery • React/Redux • Next.js • React Native • Android Studio
Backend:
• Spring Boot/Microservices • Django • Node.js/Express • Flask
Database:
• Postgres • Mongo • SQLite • FireBase/FireStore
Knowledge of:
• Operating System • RISC-V• Computer Architecture • GPUs/CUDA
Extras:
Microsoft Excel, R, RStudio, Operation Management Distribution and Logistics Analytics, Predictive Business Analytics

EXPERIENCE

UNIVERSITY OF ALBERTA | Full Stack Developer
Jan 2023 – Apr 2023 | Alberta, CA
- Financial management service. Creating new features backend REST APIs and integrating with the frontend. Learned about deployment CI/CD.

UNIVERSITY OF ALBERTA | Teaching Assistant
Sep 2021- Dec 2021, Sep 2022 - Dec 2022 | Alberta, CA
- Presentation during labs. Help students during labs and office hours with debugging code, memory leaks, seg. fault and etc. Mark labs and exams. Prepare weekly quizzes.
- Technology - C

GROUP PROJECTS

SOCIAL PLATFORM | Python, Django, REST API, JavaScript, React, HTML, CSS
Sep. 2022 – Dec 2022 | UofA
Web App that supports making connections between friends, posting pictures, liking and commenting on the post.

ORDER SYSTEM | Java, Spring Boot, Microservice
May 2022 – May 2022 | UofA
Learning about microservice. Along with ElasticSearch, Kafka.

STARCRAFT BOT | C++, StarCraft ||
Sep 2022 – Dec 2022 | UofA
Creating starcraft bot to play against other players. The project takes runtime and memory usage into highest consideration

QR-CODE | Java, Android Studio, FireBase/FireStore
May 2022 – May 2022 | UofA
An app work in progress. That allows multiple to scan QR-Code and get points from it. User can add location where they found the code, compete with other User for high score....

OTHER PERSONAL PROJECTS | Please check my website to learn more about my personal projects.
UofA
• Mini Shell | C, fork, execvp • Producer and Consumer | C, synchronization • Client-Server | C, networking • FruitCutterGame, MathGame | JavaScript, jQuery, DOM • File System | NodeJS