Yasir Durrani

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Education

Software Engineering Education from online courses

- Java for full stack developers
- Software Engineering, design patterns and best practices
- Data Structures and Algorithms
- Databases
- Docker for Beginners

- Software Requirements Analysis
- Software Design and Architecture for web applications
- Design and Analysis of Algorithms
- The Complete Node.js Developer Course
- Building SPAs with React

Master's in business administration
Comsats University

Sep 2009 to Sep 2010

Bachelors of Commerce
Punjab University

Sep 2005 to Sep 2007

Summary

- Developed ethical investment portal (PRICE)
- Entrepreneurship, started Durrani Tradings
- Developed todo and weather web application using MVC pattern
- Developed a Recipe React app
- Designed & Developed Survey application for offline surveys

- Developed innovative booking application (Freshbe)
- Regularly solve challenges on HackerRank
- Developed a LAN chat application using Java
- Developed a RESTful API for asset management (PRICE)
- Self starter

Areas of Expertise

- Backend Languages: **Java**, **JavaScript**
- Frontend: **ReactJS**, HTML, CSS, jQuery, d3, Bootstrap, HBS, Freemarker
- Web Frameworks: Node.js, **ExpressJS**, **Spring Boot**
- Testing Libraries: JUnit, Jest
- Databases: PostgreSQL, MySQL, MongoDB (NoSQL), SQLite
- Virtualisation: Docker
- Version Control: Git

Professional Experience

Full Stack Developer
PRICE Canada

June 2018 to Present

- Developed ethical investment portal using **ReactJS** and **Spring Boot**
- Developed RESTful API using **ExpressJS** for an offline survey application used by door to door surveys in remote village
- Integerated with web hooks for ecommerce application
- Developed an asset management system API using **ExpressJS**
- Workeded on existing applications and solved issues by analytical problem solving skills and designs
- Refactored existing code base to use MVC and layered architecture

- Exposing CRUD operation and business services through RESTful API
- Used automated testing, code reviews, CI/CD, design docs
- Deployed applications using digital ocean droplets
- Participated in roadmap discussions
- Technologies used: Node.js, **Javascript**, **ExpressJS**, QRCodes, Jest, JUnit, Docker, MySQL, MongoDB, **Java**, **Spring Boot**

Software Developer
August 2017 to June 2018

Freshbe

- Re-innovated the way barbers and customers interact
- Conducted interviews for a user centered design while working with UX designers
- Validated the solution by interviewing end users
- Developed frontend & RESTful API using tested design patterns
- Used automated testing, code reviews, CI/CD, design docs
- Worked with the team to create requirements document, technical designs, and Product roadmap
- Technologies used: **Javascript**, JSX, **ExpressJS**, **ReactJS**, PosgreSQL, CircleCI, Docker, Amazon S3, Jest

Concepts

Analysis and Design of User Interfaces & Algorithms

- Knowledge of evaluating user interfaces, usability engineering, task analysis
- Experience in user-centered design and prototyping.
- Analysis of algorithms: worst-case analysis, complexity analysis, asymptotic notations and basic complexity classes

Data Structures:

- Knowledge of balanced trees, binary-trees, hashing, linked list, sets, queues, stacks, maps
- Practiced sorting of Graphs and simple graph algorithms: traversal, minimum spanning tree
- Worked with java collections library such as linkedlists iterators etc