Keshav Mehta

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I am a Software Engineer specializing in the MERN stack, Python, and Java-based Software Development possessing knowledge of numerous technologies such as AWS, Dockers, and Postman. I am Looking for Full Stack and Software Development Roles.

EDUCATION

CALIFORNIA STATE UNIVERSITY, LONG BEACH   **Expected: May 2024**

Bachelor of Science in Computer (GPA: 3.7)

COURSEWORK: Data Structure and Algorithms | Object Oriented Application Development | Cyber Security Fundamentals | Database Fundamentals |Software Engineering Fundamentals | Software Project Management and Testing | Machine Learning | Mobile Application Development | Software Development with ASP.NET and .NET Core | Introduction to Networks and Distributed Computing | Probability and Statistics.

ORGANIZATIONS: National Society of Collegiates and Scholars | Association for Computing Machinery

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript/TypeScript, C++, C, C#, HTML, CSS, Kotlin
- **Frontend/Backend Frameworks and Libraries:** Django, Flask, React.js, React Native, Angular, Node.js, Express.js, Bootstrap, ORMs (JPA), Tailwind CSS, Spring, Struts, ASP.NET and ASP.NET Core
- **Software Tools & Cloud Services:** Git | AWS, Google Cloud | Insomnia, Postman, JSON, Swagger | Visual Studio Code, DataGrip | Docker, Kubernetes
- **Relational/Non-Relational Database:** MongoDB, MySQL, PostgreSQL, SQLite, Derby
- **Operating Systems:** Windows, Mac OS, Kali Linux, Ubuntu Linux

PROJECT EXPERIENCE

Beach Events App (React Native, Express JS, Django, MongoDB)   **January 2023 – Present**

- Engineered a unified socialization platform for 30,000 CSULB students, enhancing their engagement with clubs and events.
- Enhanced user experience by implementing features like Directions, Organization subscriptions, Event notifications, and Account management.
- Adopted the full-stack developer role, used React Native, Express.js, and Django, to accomplish client-server connections, Object Relational Mapping, Authentication, API designing, UI Components, and React Native Maps.

Automobile Price Prediction Model (Python)   **January 2023 – April 2023**

- Developed a Gradient Boosting Regression model achieving 87% accuracy in predicting automobile prices.
- Processed automobile data set of UCI's machine learning repository using Python sklearn library to enhance accuracy by 12% while addressing overfitting and underfitting cases.
- Employed K-Fold cross-validation with scikit-learn, along with key libraries like sklearn, pandas, NumPy, and dython, to assess model reliability.

Fridge Manager (Django)   **January 2023 – April 2023**

- Constructed a web-based fridge manager application to tackle household food management challenges.
- Empowered users to remotely access their refrigerator, track item expiry dates, and efficiently manage space, substantially saving food and financial resources.
- Utilized HTML, CSS, JavaScript, Django, and MongoDB in an agile, Scrum-focused full-stack developer role.

Evil Twin Attack (Python, HTML, CSS, PHP)   **September 2022 – December 2022**

- Developed automated software for Evil Twin attacks, monitoring internet activity and extracting login information.
- Demonstrated campus networks' inability to detect and defend against such a threat.
- Composed a Python script to set up a deceptive Wi-Fi network leading users to a Captive portal Programmed using HTML and CSS and connected the page to MySQL database using PHP to store the login credentials.

Pokémon CLI Game (Java)   **October 2021 – December 2021**

- Replicated the gameplay experience of Pokémon by developing a distinctive console version.
- Programmed backend functionalities of the game for Pokémon Hunting, Player Battles, and Map Explorations.
- Devised UML class diagrams and implemented them by following critical concepts of object-oriented programming and design patterns.

WORK EXPERIENCE

College Of Engineering Long Beach, CA   **January 2023 – present**
Computer Science Tutor

- Delivered one-on-one and group academic instructions to students on core and upper-level computer science subjects.
- Collaboratively with students to address coding challenges and personal projects and offered knowledge related to Software Development, Frameworks, Cloud Computing, and Networks.