

Keshav Mehta

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OBJECTIVE: I am a Software Engineer specializing in the MERN stack, Python, and Java-based Software Development 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)

Data Structure and Algorithms | **Object Oriented Programming** | Cyber Security Fundamentals | **Database Fundamentals** | Software Project Management and Testing | **Machine Learning** | **Mobile Application Development** | ASP.NET and .NET Core.

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

TECHNICAL SKILLS

- **Programming Languages:** JavaScript/TypeScript, Java, Python, C++, C, C#, HTML, CSS,
- **Frontend/Backend Frameworks and Libraries:** Django, React Native, Node.js, Express.js, Bootstrap, Tailwind CSS, ASP.NET and ASP.NET Core,
- **Software Tools & Cloud Services:** AWS, Git, Postman, JSON, XML, Visual Studio Code, DataGrip | Docker
- **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 serving 30,000 CSULB students**.
- Developed features like Directions, Organization subscriptions, Event notifications, and Account management.
- Adopted the **full-stack developer** role, and accomplished **client-server connection, Object Relational Mapping, Authentication, API designing, and Map Navigations**.

Automobile Price Prediction Model (Python)

January 2023 – April 2023

- Developed a **Gradient Boosting Regression model** achieving **87% accuracy** in predicting automobile prices.
- **Processed data** sets using **Python sklearn** library and **improved accuracy by 12%**
- Leveraged **scikit-learn** for **K-Fold cross-validation**.

Fridge Manager (Django)

January 2023 – April 2023

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

Evil Twin Attack Software (Python, HTML, CSS, PHP)

September 2022 – December 2022

- Developed automated software for Evil Twin attacks, **monitoring internet activity and extracting login information**.
- 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

- Forged a **replica of Pokémon game** by developing a distinctive console version.
- Devised **UML class diagrams** and implemented **object-oriented programming** and **design patterns** to create Player and Pokémon entities.
- Programmed backend functionalities of the game for Pokémon Hunting, Player Battles, and Map Explorations.

WORK EXPERIENCE

College Of Engineering Long Beach, CA Computer Science Tutor

January 2023 – present

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