

Keshav Mehta

Long Beach, CA | (909)-602-9097

m12.keshav@gmail.com | www.linkedin.com/in/mehtakeshav | github.com/mehtaKeshav | keshav-mehta.netlify.app

Software Engineer - 2024 Spring Co-op

OBJECTIVE: I specialize in the **MERN stack** and **Django-based Software development** with a major focus on **Software Security**, and **User experience**.

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 | Introduction to Networks and Distributed Computing

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*, *Angular*, React.js, React Native, Flask, Node.js, Express.js, Bootstrap, ORMs (JPA), Tailwind CSS,
- **Software Tools & Cloud Services:** Git | AWS, Google Cloud | Insomnia, Postman, JSON, REST API | Docker,
- **DevOps:** Git version control system, Docker, GitHub CI/CD
- **Relational/Non-Relational Database:** MongoDB, MySQL, PostgreSQL, SQLite, Derby

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**, and accomplished client-server connections, **Object Relational Mapping**, Authentication, **REST API designing/debugging**, and UI Components creation.

Fridge Manager (*Django*, *Django HTML*, *JavaaScript*)

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*, *MySQL*)

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 the Pokémon game** 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 Computer Science Tutor

January 2023 – present

- 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.