Ruman Saiyed

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EDUCATION

California State University, Fullerton, USA **Jun 2027**
Masters of Science, Computer Science
- **Coursework:** CPSC 583 - Knowledge Representation and Reasoning, CPSC 544 - Advanced Software Process

EXPERIENCE

Phycom Corporation **Jan 2025 - Jun 2025**
Software Development Intern
- Migrated backend services from Java to Go (Golang), built a Go server to process real-time weather data from IoT devices, and integrated Google Cloud Datastore (NoSQL) for efficient storage, demonstrating practical expertise in distributed computing.
- Developed and tested robust APIs using Go (Fiber) and Java (Spring Boot); utilized Postman for debugging and managed version control and deployment with Git and GitHub while adhering to production-ready best practices.
- Engineered real-time data synchronization by implementing Pub/Sub messaging to coordinate data flow between a Go server and an Elixir server, ensuring system reliability and scalability.

IBM SkillBuild **Jun 2024 - Aug 2024**
IBM SkillBuild Data Analytics Intern
- Developed a house price prediction model with 84% accuracy using Python, Flask, and Scikit-Learn, reinforcing effective coding and algorithm design skills.
- Specialized in data cleaning, visualization, and machine learning optimization for large datasets, showcasing strong documentation and problem-solving capabilities.

IBM SkillBuild **Jul 2024**
IBM SkillBuild Artificial Intelligence Intern
- Worked on Neural Networks and NLP models to enhance AI applications, focusing on Deep Learning techniques.
- Gained hands-on experience in LSTM, RNN, and other sequential models for AI-driven decision-making and natural language processing.

PROJECTS

Lacrosse Appengine
- Accomplished faster response times, improved performance, and reduced code complexity, as measured by lower latency, decreased resource consumption, and a 40% reduction in codebase, by migrating from Java 7 to Go, adopting the Go Fiber framework, integrating Google Datastore, and implementing Pub/Sub for real-time data synchronization.

Job Portal
- Developed a job portal featuring user authentication, job search and application, employer job posting, and management. Achieved this by implementing secure login, job filtering, keyword-based search, and employer functionalities like job posting and application tracking.
- Using PHP and phpMyAdmin, the system supports user account updates, profile editing, and resume uploads. Additionally, integrated a blog section to provide career insights and industry updates, enhancing user engagement and experience.

House Price Prediction
- Developed a house price prediction model with 84% accuracy using Python and libraries like Numpy, Pandas, and Scikit-Learn for data cleaning and analysis, based on the Bengaluru house price dataset.
- Integrated the model into a user-friendly web application using Flask, enabling seamless interaction through an HTML interface.

SKILLS

- **Programming Languages**: Python, Java, GO Lang, Kotlin, PHP, HTML, CSS
- **Technologies & Frameworks**: Spring Boot, Fiber, REST API, AJAX, Unity, OOPS, AWS, Docker
- **Databases**: MySQL, PHPMyAdmin, Postgres, Google Datastore, Google Firebase, SQLite
- **Tools**: VS Code, Eclipse EE, Apache-Tomcat, Git, GitHub, Android Studio, Intellij
- **Soft Skills**: Project Management, Communication, Team Collaboration
- **Languages**: English, Hindi, Gujarati

CERTIFICATIONS

- **Game Design and Development 1:2 D:**Michigan state University 2024 ,**Google Al Essentials:**Google 2024 , **Python For Data Science and Al Development:**IBM 2024 , **AWS Cloud Technical Essentials:**AWS 2024 , **Developing Al with Python and flask:**IBM 2024

EXTRA CARRICULAR

- Board Member, ACM Chapter at CSUF Game Development TEAM, Member, ACM SIGGRAPH Student Chapter at CSUF, Member, Adobe at Fullerton.