

MOHAMMED SHOAIB SHAIK

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🌐 [mohammed-shoaib-shaik](https://www.linkedin.com/in/mohammed-shoaib-shaik)

📁 [My Portfolio](#)

Education

California State University, Long Beach, California

Aug 2022 – May 2024

Master of Science, Computer Science

GPA - 3.6

KL University, Guntur, India

Jul 2017 – Jun 2021

Bachelor of Engineering, Computer Science

GPA - 8.51

Relevant Coursework

- Computer Architecture
- Topics in Distributed Computing
- Advanced Programming
- Database Management
- Artificial Intelligence
- Software Methodology
- Natural Language Processing
- Data Structures and Algorithm Analysis

Skills

Languages: Python, Java, C, HTML, CSS, JSON, JavaScript, SQL

Cloud Platforms & Services: AWS (EC2, S3, RDS), Google Cloud Platform, Microsoft Azure, VS Code, Eclipse

Technologies/Frameworks: React, Bootstrap, Spring Boot, Ajax, Docker, Jenkins, Angular, Linux, GitHub, JUnit

Databases: MySQL, PostgreSQL, MongoDB, Cassandra, Oracle

Experience

Infovision Inc

June 2023 – Sept 2023

Associate Intern

Texas, USA

- Instituted advanced Generative AI techniques, specializing in GPT models, to create innovative solutions for real-world challenges, leveraging a comprehensive understanding of ethical implications to drive responsible AI adoption and foster trust in AI technologies.
- Created and deployed an advanced GPT-based chatbot that extracted data from Wikipedia, leading to a 40% reduction in customer support inquiries and boosting response efficiency by 50%
- Designed artificially intelligent applications using cutting-edge tools like LLama Index and Langchain, reducing manual data processing time by 40% and enhancing application performance by 20%.

Temenos

Sept 2021 – Sept 2022

Software Engineer

Hyderabad, India

- Assisted to the development of a Payment application using React JS and JavaScript OOP principles, ensuring Cross-Browser Compatibility and responsive design.
- Contributed to the front-end automation team, Improving front-end automation processes by 90% for real-time database operations and bug fixing.
- Implemented AJAX to handle RESTful API calls, processing JSON data to meet client requirements and enhanced front-end functionality by integrating Redux for state management, reducing load time by 30%.

FactSet Research Systems Inc

Jul 2020 – Aug 2021

Software Engineer Intern

Hyderabad, India

- Upgraded and optimized PostgreSQL databases and upgraded ETL processes using SQL and Node JS, enhancing data extraction efficiency and streamlining operations.
- Designed and maintained a Python-based internal tool named Benchmark Editor, optimizing vendor data manipulation by 80%.

Projects

My Portfolio | *React, JavaScript, HTML, CSS*

June 2024

- Developed a web application from the ground up using React JS, JavaScript OOP, HTML5, CSS3, and Bootstrap, ensuring compatibility across Chrome, Safari, and Firefox.
- Enhanced 100% user experience with dynamic navigation, smooth scrolling, interactive animations, ensuring intuitive and engaging interfaces and features such as downloadable content, email functionality via NodeMailer.

Enhancing Retail Sales Predictions through Advanced Machine Learning | *Pattren recognition*

July 2023

- Led a comprehensive analysis leveraging methodologies, including Generative Adversarial Networks (GANs) for synthetic data generation, optimizing predictive models for SoldQuantity in retail sales forecasting by 100%.
- Evaluated and compared machine learning models, including Linear Regression, ensemble methods (Random Forest, XGBoost), and deep learning architectures (GRU, CNN, LSTM), improving decision-making by 20%.

Deli Dash | *Java, Eclipse, Object Oriented*

October 2022

- Crafted a scalable food delivery system using Java, SQL, and Object-Oriented Programming (OOP) principles, integrating features such as user differentiation, order caching, and customized promotions and conducted unit testing with JUnit.