

# MOHAMMAD MUJAHID

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As a full stack expert, cloud specialist, and Artificial Intelligence innovator, I integrate advanced front-end design with robust back-end systems deployed on scalable cloud architectures. I harness artificial intelligence to optimize processes and create dynamic applications.

All while driving entrepreneurial ventures focused on solving mental health challenges using Artificial Intelligence and cognitive processes..

I love the journey of being an Entrepreneur you have to figure out many things at every instant and that keeps the drive intact.

My Portfolio: <https://www.mujjumujahid.com>

## SKILL SET

Frontend Technologies: React, TypeScript, Redux, AJAX, Next.js, HTML5, CSS3, JavaScript, Bootstrap, Figma, Vue.js, Angular, Sass, Webpack, Responsive Web Design, User-Centered Design

Backend Technologies: Node.js, ASP.NET, Python, NPM, PHP, Java, Go, Ruby on Rails, PostgreSQL, Sequelize, SQL, WCF, MongoDB

Cloud-Computing: AWS, Azure, Google-Cloud, Git, GitHub, GitLab, Docker, Jenkins, Kubernetes, , Bash Script, Grafana, , CI/CD, Maven, GitHub, AWS EC2, REST APIs, ETL Tools.

Programming Languages & Frameworks: JavaScript, Python, Node.js, Express.js, HTML5, CSS3, React.js, Java, Go Lang.

Database Technologies: SQL, MongoDB, Oracle

Tools/Software: Git, JIRA, Tableau, Middleware/iPaaS Tools: Workato, MuleSoft, Boomi

Artificial Intelligence: Tensorflow, Pytorch, Keras, Scikit-Learn, Pandas, Numpy, Jupyter, OpenCV, NLP

## PROFESSIONAL EXPERIENCE

### Full Stack Developer TCS, Hyderabad. India

December 2020 – November 2022

Engaged in developing robust, full-stack applications, focusing on both the client and server sides to deliver comprehensive business solutions. Collaborated closely with project managers, UX/UI designers, and engineers to create scalable and efficient systems.

#### Contributions:

Spearheaded the development of a dynamic e-commerce application designed for high-volume transactions, involving extensive backend reengineering and frontend redesign.

Contributed significantly to the overhaul of a legacy ERP system, employing modern development practices to enhance functionality and user engagement.

Developed microservices for automating business operations, streamlining workflows, and reducing human error across various business processes.

#### Tasks:

Interpreted complex requirements to create detailed technical specifications for each project.

Developed resilient web services and responsive user interfaces across multiple projects.

Implemented comprehensive automated testing strategies to ensure robustness and reliability of software solutions.  
Managed backend integrations and database management using contemporary frameworks and technologies.

#### Achievements:

Successfully launched an e-commerce platform that enhanced the client's online presence and sales capabilities, leading to a 30% increase in online revenue.

Recognized with the "Innovator of the Year" award for exceptional problem-solving and innovative solutions in enterprise applications.

Led a team that delivered a revamped ERP system on time, increasing business efficiency by 35%.

Technologies Used: React, Angular, HTML5, CSS3, Bootstrap, TypeScript, Node.js, Express, Golang, PHP, MongoDB, MySQL, Sequelize, Jenkins, Docker, Kubernetes, AWS, Git, Bitbucket, JIRA, Webpack, npm

Future Vision LLC, Ft. Lauderdale, Florida, USA

#### Full Stack AI Software Engineer

January 5th - May 5th 2024

Led the development of full stack AI solutions integrating robust machine learning pipelines with dynamic web applications. Spearheaded the end-to-end design and deployment of AI models to deliver actionable insights and streamline business operations.

#### Contributions:

Architected and implemented scalable full stack AI solutions using modern web frameworks alongside advanced AI libraries.

Developed and maintained data pipelines using Python, Pandas, and NumPy with interactive visualizations in Jupyter.

Designed, trained, and optimized neural network models using TensorFlow, PyTorch, and Keras.

Integrated computer vision techniques with OpenCV and natural language processing (NLP) methodologies to extract insights from unstructured data.

Leveraged containerization with Docker and Kubernetes for seamless deployment across AWS, Azure, and GCP.

Implemented CI/CD pipelines using Git and Jenkins to streamline model updates and application releases.

#### Tasks:

Built a responsive front-end and robust back-end to support AI model deployment and real-time data visualization.

Optimized machine learning models to improve prediction accuracy and reduce latency in production.

Developed secure API endpoints for model inference ensuring efficient data handling.

Collaborated with cross-functional teams to align AI strategies with overarching business objectives.

#### Achievements:

Enhanced system efficiency by 60% and improved model prediction accuracy by 15%, leading to actionable business insights.

Streamlined deployment processes, reducing model update times by 50% and cutting operational overhead significantly.

Technologies Used: Python, TensorFlow, PyTorch, Keras, Scikit-Learn, Pandas, NumPy, Jupyter, OpenCV, NLP, Docker, Kubernetes, AWS, Azure, GCP, Git, Jenkins

Freelance Blockchain Developer on Fiverr, Remote

Full Stack Developer (Full Stack & AI Developer from 2022)

2018 – 2024

Delivered end-to-end full stack solutions for diverse international clients on Fiverr. From 2018 to 2021, focused on developing scalable web applications and robust back-end architectures. From 2022 onward, strategically integrated advanced AI capabilities into these solutions, driving innovation and intelligent automation.

#### Contributions:

Designed and developed responsive web applications using modern front-end frameworks such as React and Angular.

Built robust back-end architectures using Node.js, Express, and integrated scalable databases.

From 2022 onward, enhanced full stack solutions by integrating AI models using Python, TensorFlow, PyTorch, and Keras.

Developed secure API endpoints to support real-time machine learning inference and data-driven decision making.

Implemented containerization and cloud deployment strategies with Docker, Kubernetes, and multi-cloud platforms (AWS, Azure, GCP).

#### Tasks:

Architected custom solutions tailored to client needs, balancing full stack development with intelligent automation.

Optimized application performance and scalability, ensuring seamless integration of AI pipelines with web interfaces.

Conducted regular code reviews and security audits to maintain high quality and secure deployments.

Collaborated closely with clients to iteratively enhance solutions, incorporating data analytics and predictive modeling.

#### Achievements:

Successfully delivered multiple high-impact projects that improved operational efficiency and user engagement.

Earned repeat business and high client satisfaction by pioneering the integration of AI into full stack applications.

Recognized for reducing deployment times and enhancing application scalability through strategic innovation.

Technologies Used: JavaScript, React, Angular, Node.js, Express, MongoDB, Python, TensorFlow, PyTorch, Keras, Docker, Kubernetes, AWS, Azure, GCP, Git, Jenkins.

## EDUCATION

Florida Atlantic University: M.S (Information Technology and Management) May 2024

Relevant coursework: CAP 5768: Intro to Data Science (A), CEN 5035: Software Engineering (A), ISM 6136: Data Mining/Predictive Analytics (A), CAP 6619: Deep Learning (A), ISM 6405: Advanced Business Analytics (A), CAP 5625: Computational Foundations AI (A), CNT 6167: Internet of Things (A), ISM 6026: Mgmt Info Systems & Tech (-A), COP 6731: Thry/Impl Database Systems (B), COT 5930: Digital Image Processing (A)

Osmania University: B.E(Electrical Engineering & Tech) 2018-2021