

Rohan M. Rokkam

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Accomplished fullstack engineering expert dedicated to developing innovative software solutions for complex challenges. Proven ability to create and deploy end-to-end applications that deliver significant value to users and businesses. Renowned for fostering collaborative environments that enhance team performance and achieve measurable results. Committed to empowering teams through continuous learning and development. Combining technical expertise with a strategic mindset, adept at seamlessly bridging technical and business requirements to deliver impactful solutions.

PROFESSIONAL EXPERIENCE

Full Stack Developer (Contract)

May, 2024 – Present

Data Architecture Inc.

- Built and optimized scalable web applications using Java, Spring Boot, and ReactJS, improving time complexity of critical algorithms by 19%.
- Designed SQL database schemas and leveraged Azure Cloud for performance and scalability.
- Developed RESTful APIs, integrated third-party services, and managed CI/CD pipelines with Docker and Azure DevOps.
- Applications worked on:
 - CPQ Applications** to implement configuration, pricing, and quoting for estimate generation.
 - Task & Workflow Applications** to automate business processes by task management and email notifications.

Software Developer Intern

May, 2023 – August, 2023

ImageTrend

- Contributed to the full software development lifecycle (SDLC), from planning and design to implementation and deployment.
- Developed and optimized application features using C#, enhancing functionality and performance.
- Participated in Scrum meetings, sprint planning, and code reviews, ensuring alignment with Agile development practices.
- Engaged in continuous integration and deployment (CI/CD) processes to improve software delivery efficiency.

Technology Coordinator

March, 2022 – May, 2024

UMN Leadership Minor

- Developed upper-level course content and maintained online learning platforms.
- Managed hardware and software installations, network security, and technical support.
- Created an Excel tracking sheet to inventory all products by adding custom barcodes to the products, allowing for the tracking of product details and the status/user of each product, thereby securing over \$50,000 worth of assets.

PROJECTS

Rohan's Sandbox

January 2025

<https://rohanrokkam.com>

- Created a portfolio website using MySQL, Java Spring Boot, and ReactJS to demonstrate full-stack abilities.
- Prioritized Agile methodologies, rapid application development, scalable designs, and WCAG compliance.
- Completed construction of the full-stack project in less than 3 weeks.

Makeathon Winner (3rd Place)

February 2023

UMN College of Science and Engineering

- Developed an AI-powered healthcare application that translates medical prescription information into layman's terms in multiple languages, improving accessibility for diverse users.
- Engineered the application using JavaScript, Python, and CSS, integrating the OpenAI API to provide real-time, context-aware medical translations and insights.

LEADERSHIP EXPERIENCE

Director of Risk Management

Dec, 2022 – Oct, 2023

UMN Delta Tau Delta

- Oversaw social events with 250+ attendees, implementing risk management strategies for event safety.
- Managed a team of sober monitors and ensured adherence to safety protocols.

Chief External Affairs Officer

May, 2020 – Feb, 2021

UMD Student Association

- Built relationships with local and state government officials to advocate for student interests.
- Organized community events to strengthen campus-community connections.
- Orchestrated a university-wide advocacy event at the state capitol, securing increased funding by requesting \$4.4 million from the state.

EDUCATION

University of Minnesota, Twin Cities

May 2024

B.A. in Computer Science, Minor in Leadership

SKILLS

Programming Languages: Java, Javascript, Python, C, C#, C++, HTML, CSS, MySQL, SQL, 86-64x, OCAML

Tools, Technologies & Methodologies: ReactJS, REST API, Maven, MVC Framework, AI/ML, Pandas, PyTorch, Docker, Power BI, Azure DevOps, Azure Cloud Services, Agile Development, Rapid Application Development