Nabeel Thotti

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EDUCATION

California State University, Northridge Northridge, CA
Bachelor of Science in Computer Science, Minor in Philosophy *Aug. 2021 – May 2025*

EXPERIENCE

Founder May 2019 – Present
EE Industries *Los Angeles, CA*
- Founded and successfully led a tech venture, providing end-to-end solutions for over 30 startups.
- Implemented customized cloud infrastructures and backend solutions that directly contributed to an increase of over $500,000 in clients' profits, reinforcing our firm's role as a pivotal partner in startup technology solutions.
- Developed backend solutions by incorporating advanced data handling techniques, enhancing data integrity.
- Deployed bespoke cloud infrastructures for diverse clients, achieved an average of 35% improvement in reliability.
- Collaborated closely with cross-functional teams to ensure the delivery of high-quality software products.

Integration Developer Intern June 2023 – August 2023
University of California, Los Angeles *Los Angeles, CA*
- Designed, coded, and deployed serverless integration microservices utilizing AWS Lambda, SQS, DynamoDB, and API Gateway, ensuring efficient and scalable cloud solutions.
- Developed Python-based AWS Lambda functions to interface with Oracle APIs, facilitating efficient data retrieval from Oracle Cloud environments.
- Engineered AWS Step Functions to orchestrate complex workflows, seamlessly integrating with third-party SaaS platforms including Paymentworks, Jaggaer, and Oracle Cloud.
- Leveraged CloudWatch for effective monitoring and troubleshooting, ensuring optimal performance and reliability.
- Actively participated in Agile development processes, contributing to team discussions and problem solving.

Data Specialist Sep. 2021 – Sep. 2022
Land of The Free L.P. *Beverly Hills, CA*
- Optimized data management through strategic SQL implementations and advanced Excel techniques, resulting in a 30% increase in data processing efficiency.
- Engineered and deployed scalable cloud solutions using Google Cloud Platform and Hadoop, enhancing data handling capacity for large data sets.
- Leveraged MS Excel for data visualization, providing insights that led to 20% growth in customer acquisition.

PROJECTS

Transfer App | *AWS, React, Flask, TensorFlow, Docker* October 2023 – Present
- Utilized React to build an intuitive frontend, enhancing user engagement and experience.
- Introduced predictive analytics using machine learning, improving course selection guidance.
- Integrated real-time data visualization, representing users' academic pathways interactively.
- Designed and implemented a React frontend, interfacing seamlessly with a Flask-driven REST API.

Personal Website | *React, RESTful APIs* June 2023 – August 2023
- Developed a dynamic personal website using React, showcasing a responsive UI and an intuitive user experience.
- Integrated RESTful APIs to enhance functionality, enabling seamless data retrieval and interactive features.
- Implemented a robust back-end architecture to ensure efficient data processing and scalability.
- Optimized website performance using front-end techniques, ensuring compatibility across browsers and devices.

Chess Game | *Python, Maven, Git* May 2018 – May 2020
- Implemented algorithms crucial for real-time chess move validation resulting in swift in-game decision processing.
- Engineered the app's backend to handle real-time data processing allowing immediate move validation.
- Constructed data handling system for user profiles using hashing and encryption for efficient storage and retrieval.
- Developed data operation benchmarking, refining data structures for optimal memory use and processing speed.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, R, Linux
Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools: Postman, Git, Docker, TravisCI, AWS, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Figma
AWS Services: Lambda, EC2, API Gateway, SNS, SMS, DynamoDB, VPC, RDS, Step Functions, CloudWatch, X-Ray
Libraries: pandas, NumPy, Matplotlib, TensorFlow, Boto3, AWS SDK