

Muhammad Muqrrab

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SKILLS

Programming Languages:

- JavaScript • Python
- TypeScript • SQL

Frameworks and Libraries:

- Node.js • Express.js • Nest.js
- React.js • Next.js • Redux
- Tailwind CSS • Zustand

Databases and ORMs:

- PostgreSQL • MongoDB • MySQL
- Prisma

DevOps and Cloud:

- AWS (EC2, VPC, Apprunner, KMS/DEK, CloudWatch, SQS, S3, Cloudfront)
- CI/CD • Docker • Git

Infrastructure as Code:

- Terraform • Terragrunt

LINKS

Github:// [muqrrab](#)

LinkedIn:// [muqrrab](#)

Website:// [muqrrab](#)

EDUCATION

NATIONAL TEXTILE UNIVERSITY

BS IN COMPUTER SCIENCE

Grad. June 2024 | CGPA: 3.52 / 4.0

SUPERIOR COLLEGE

FSC PRE-ENGINEERING

Grad. July 2020 | Per: 86%

COURSEWORK

UNDERGRADUATE

Object Oriented Programming

Databases

Data Structures and Algorithms

Operating Systems

Computer Networks

Machine Learning

Image Processing

CERTIFICATION

1st Position Final Year Project

Coursera Full Stack Specialization

Udemy MERN Stack Course

EXPERIENCE

4 YEARS

SAIL FULL TIME | REMOTE | MAY 2024 - PRESENT | US SOFTWARE ENGINEER

Next.js, TypeScript, Nest.js, AWS, Docker, Prisma, PostgreSQL, Infrastructure as Code (Terraform, Terragrunt)

- Architected and implemented scalable web applications, enhancing performance by 20% and ensuring data integrity for over 1 million users.
- Enhanced deployment workflows with Infrastructure as Code, improving cloud resource provisioning by 40%.
- Led the development of modular UIs with Tailwind CSS and Next.js, tailored for high user engagement and smooth performance.

WOIT SOLUTIONS FULL TIME | FEB 2022 - JUNE 2024 | PK SOFTWARE ENGINEER

MERN, React.js, Next.js, TypeScript, Nest.js, AWS, Docker, Prisma, PostgreSQL, MongoDB, AWS

- Delivered robust web applications, improving system reliability by 20% and ensuring seamless data management.
- Automated CI/CD pipelines using Docker, reducing deployment time by 30% and enhancing team efficiency through mentorship.

EAZISOLS FULL TIME | REMOTE | FEB 2019 - MAR 2022 | PK FULL STACK DEVELOPER

MERN, AWS, MySQL, EC2, VPS

- Built responsive web applications with MERN stack, optimizing load speeds by 30%.
- Streamlined SQL database queries, managing datasets of over 10 million records with high efficiency.

PROJECTS

SAVE WITH SAIL | 2024

Next.js, Nest.js, Puppeteer

- Designed and developed a secure integration platform enabling seamless connections to Amazon, CVS, Walgreens, and Plaid accounts for efficient data aggregation.
- Built web scraping tools to extract and consolidate order history data, ensuring HIPAA compliance and providing actionable insights.

JOBBERSYNC APPLICATION | 2023

MERN Stack

- Created an integration application to enhance Jobber functionality, enabling users to sync clients, quotes, jobs, and notes for streamlined workflows.
- Integrated AI-powered note generation and bulk action capabilities, offering extensive filtering options that exceed Jobber's native tools.