Arafat **Islam**

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SKILLS

BACK END: Java • Nodejs • Express • Spring • C# • .NET
AWS SERVICES: S3 • EC2 • RDS • IAM • Lambda • ECR • ECS • Cloudfront
MISCELLANEOUS: Amazon AWS • Docker • MongoDB • SQL • Nestjs • tRPC • Git • Stripe
FRONT END: Reactjs • Nextjs • Redux • Typescript • Tailwind CSS • MUI
SOFT SKILLS: Collaborative • Bias for action • Deliver results

EXPERIENCE

WEB DEVELOPER
Fiverr · Freelance | Jun 2023 - Mar 2024

- Developed and maintained custom web applications for various clients using modern web technologies, resulting in a 20% increase in client satisfaction and repeat business.

- Utilized Next.js, and Redux for front-end, building responsive user interfaces that improved user engagement by 35% and reduced page load times by 40%.

- Implemented back-end services using Express, .NET and Spring Boot to handle server-side logic and API integration, enhancing application performance by 30% and reducing server response times by 25%.

- Leveraged AWS services such as S3, EC2, and Lambda for hosting, storage, and serverless computing, ensuring high availability and scalability.

- Integrated Stripe payment processing, streamlining e-commerce transactions for clients; resulting in a 40% decrease in cart abandonment and increased overall sales by 25% within the first quarter.

- Used Docker for containerization, reducing deployment time by 50% and decreasing environment inconsistencies across development, staging, and production, significantly enhancing the overall reliability of the software delivery pipeline.

- Partnered with clients to identify key requirements, deliver timely project updates, and implement customised solutions, enhancing client retention by 25% and reducing project turnaround time by 30%.

- Managed code versioning and collaboration using Git, ensuring efficient workflow and code quality.

TEACHING ASSISTANT
KTH | Aug 2023 - Oct 2023

Assisted in the following courses:

- C Programming
- Introduction to Computer Studies
- Object-oriented Programming

EDUCATION

KTH Royal Institute Of Technology
Bachelor of Computer Science
Aug 2022 – Jun 2025

COURSEWORK

- Data Structure and Algorithms
- Object Oriented Programming
- Database Systems
- Operative System
- Embedded Systems
- Networking
- Full-stack Web Development

CERTIFICATES

- CCNAv7: Introduction to Networks
- Redis Streams

INTERESTS

Travelling • Fitness • Nutrition • Food • Self-improvement

Provided students with academic support during lectures and office hours, aiding in their understanding of complex programming concepts and fostering a collaborative learning environment.

PROJECTS

E-commerce Platform
Coded a full-stack e-commerce platform utilizing React.js, Node.js, and Stripe for payment processing. Added features for user authentication, product management, and order tracking. Leveraged AWS for deployment, ensuring high scalability and reliability.

Real-time Chat Application
Created a real-time chat application using React.js, Node.js, and WebSocket. Integrated MongoDB for data storage and Docker for containerization. The application supported user authentication, real-time messaging, and group chats.