Farhan Yaseen

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I am a skilled software developer with over 8 years of experience in Node.js, AWS, DevOps, and front-end technologies like Next.js and React. I have a proven track record of creating scalable systems using APIs, microservices, and serverless architectures. I excel in automating and optimizing application deployment and management using tools like Jenkins and Terraform on AWS. I quickly learn and adapt to new technologies and thrive in team environments where my performance consistently stands out.

Skills & Expertise

Languages: JavaScript, TypeScript, C#, SQL
Tools & Technologies:

Frontend: React, Next.js, Vue.js, HTML/CSS, Figma
Backend: Node.js, AWS (EC2, DynamoDB, S3, SQS, Lambda), Google Cloud Platform, Jenkins, Compute Engine, Cloud SQL, Cloud Storage, Cloud Load Balancing and Virtual Private Cloud (VPC)
Databases: PostgreSQL, MongoDB, Redshift, Redis
DevOps: Kubernetes, Docker, Terraform, Route53, Cloudflare, Ubuntu
Data Streaming: Kinesis
Search: Algolia, ElasticSearch
Monitoring & Analytics: New Relic, Honeycomb, HotJar, Segment

Work Experience

Morressier, Berlin (Remote)

Senior Full Stack Engineer (Nov 2021 - Present)

- Enabled SSO integration with Gmail, ORCID, and ASCE.
- Conducted an Algolia audit, removing redundant indexes and implementing delta indexing, saving $24,000 annually.
- Developed user profile features to enhance information management.
- Integrated Algolia to improve search functionality, resulting in faster and more accurate results.
- Led feature development, mentored junior engineers, conducted code reviews and translated business requirements into technical solutions.
- Added monitoring and analytics using Honeycomb, HotJar, and Segment.

Technologies: Node.js, React, Next.js, TypeScript, MongoDB, PostgreSQL, Algolia, Google Cloud Platform (Compute Engine, Cloud SQL, Cloud Storage, Cloud Load Balancing, Virtual Private Cloud), Kubernetes, Terraform, cypress, jest
Link: https://www.morressier.com/

MailMunch, Lahore (Remote)

Senior Software Engineer (March 2020 - Nov 2021)

- Directed the development of new features leveraging NodeJS and React.
- Integrated continuous integration workflows using Jenkins.
- Enhanced application testing capabilities by incorporating end-to-end tests with Cypress and unit tests with Jest.

- Streamlined the deployment process with a Dockerized setup.

Technologies: NodeJS, TypeScript, React, GraphQL, Cypress, Docker, AWS (Lambda, CloudWatch, S3, SES), Heroku
Link:https://www.mailmunch.com/

Revolving Games, Lahore

Senior Software Engineer (Apr 2016 - March 2020)

MoonShine

- Worked on a 4X strategy game with turn-based and real-time strategy elements.
- Utilized C# and Akka.Net for backend server development.
- Implemented CI/CD pipelines using Jenkins and Terraform.
- Automated Unity builds and leveraged AWS services such as Lambda, EC2, S3, and SES.
- Used WebSocket technology for real-time communication.

Revolving Games
- Developed a React-based single-page web application using NodeJS, React, and PostgreSQL.
- Set up CI/CD pipelines with GitLab.
- Configured an API Gateway and Lambda (NodeJS) for the mail server.
- Managed DNS configuration using Route53.
- Utilized AWS services such as Lambda, CloudWatch, S3, CloudFront, and SES.
Link: https://revolvinggames.com

Shop Heroes Legends
- Developed and maintained a backend server using NodeJS, MongoDB, and Redis.
- Set up monitoring and CI/CD pipelines using Jenkins and AWS CodeDeploy.
- Implemented analytics with Kinesis and Redshift.
- Managed Auto Scaling Group Policy and Load Balancer.
- Utilized Docker, New Relic, Route53, Amazon Certificate Manager, and Elastic Load Balancer.
Link: https://shopheroes.com/

Game Tool
- Created responsive single-page web apps for admin game tools for chat monitoring and LiveOps.
- Developed a customer support tool for modifying and monitoring user game states using NodeJS, Vue, Redis, MongoDB, and S3, Route53.

Fizz
- Developed and maintained the backend for Fizz Chat using NodeJS, incorporating Redis and PostgreSQL for data management.
- Implemented and managed DevOps processes using AWS tools such as CloudFormation, Lambda, CloudWatch, along with New Relic for monitoring.
- Established CI/CD pipelines utilizing Jenkins and Docker, enhancing automation across development stages.
- Automated API documentation generation with Apidoc and conducted comprehensive unit and end-to-end testing.

Education

University of Punjab, Lahore   **2012-2016**
BS (INFORMATION TECHNOLOGY) Hons   *CGPA: 3.66/4.0*