NAZEEM SHAKUR

Orlando, FL

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SUMMARY

Senior Software Engineer with over 11 years of experience specializing in back-end development, cloud architecture, and DevOps. Proven leader with a track record of building and scaling high-performance systems. Expert in Ruby on Rails, Node.js, and AWS, with a focus on optimizing system performance and mentoring junior engineers.

SKILLS

Ruby, JavaScript (ES6+), Java, C#, Python, Ruby on Rails, Node.js, Express.js, Vue.js, PostgreSQL, MySQL, MongoDB, AWS (EC2, S3, Lambda, CloudWatch), Docker, Kubernetes, NGINX, Splunk, C, RabbitMQ

WORK EXPERIENCE

SmartRent / SightPlan   **Oct 2021 - Apr 2025**
Software Engineer I/Server Engineer   *Orlando, FL*

- Spearheaded automation of repetitive TOIL tasks with Ruby on Rails scripts, reducing manual workload and increasing team efficiency by 30%.
- Managed on-call incident response, diagnosing and resolving 100+ production issues while maintaining high system uptime.
- Developed and implemented custom admin panel tools, streamlining operations and reducing recurring support tickets by 25%.
- Collaborated with cross-functional teams to design RabbitMQ workers for asynchronous task processing, improving system performance and scalability.
- Proactively monitored AWS infrastructure using Splunk, PagerDuty, OpsGenie, and CloudWatch, reducing critical outages by 15%.
- Mentored junior engineers and led code reviews to ensure adherence to best practices and facilitate knowledge sharing.

Elevux LLC   **Apr 2021 - Oct 2021**
Backend Developer   *Orlando, FL*

- Led the development and architecture of a customizable 3D avatar editor with API integration, serving over 10,000+ global users.
- Engineered and configured the complete development, staging, and production environments for back-end applications using Node.js/Express.js and NGINX.
- Developed an in-house content delivery network (CDN) for multimedia assets, which increased application load speeds and improved user experience.
- Spearheaded a virtual medal system for the Tokyo Olympics with leader boards and rewards that engaged over 10,000+ global users.
- Oversaw database management, ensuring data security, optimizing client reporting, and guaranteeing accuracy of analytics.

SEU (Sunshine Enterprise USA)   **Jul 2020 - Oct 2020**
Full-Stack Web Developer   *Maitland, FL*

- Developed a full-stack job application system, including a dynamic blog, admin portal for CRUD operations, and automated notifications for recruiters.
- Created a shift management system for nurses and teachers, which automated the approval queue for admins and improved recruiter efficiency.

University of Central Florida   **Aug 2019 - Jul 2020**
Computer Science Teaching Assistant   *Orlando, FL*

- Assisted over 100 students with data structures, algorithms, recursion, and complexity analysis.
- Held office hours and graded exams to improve student comprehension and facilitate knowledge transfer.

Darden   **May 2019 - Jul 2019**
Software Engineer   *Orlando, FL*

- Engineered a full-stack e-commerce solution for a major Darden brand using Oracle's Content Management and E-commerce tools, increasing revenue by implementing new wine options.
- Pioneered and piloted the integration of an Amazon Alexa voice assistant across multiple Darden brands, enabling customers to make reservations, join waitlists, and order meals via voice commands.
- Managed the full software development lifecycle from concept to delivery, collaborating with cross-functional teams and presenting project outcomes directly to the CIO and IT VPs of Darden.

FIS   **Nov 2017 - Dec 2018**
Full-Stack Web Developer   *Maitland, FL*

- Architected and built autonomous tasks with ASP.NET MVC and C# to streamline administrative workflows, cutting the new employee on-boarding period from 2-3 weeks to less than 1 week.

• Collaborated with a team to develop responsive sites and improve work productivity by creating new systems like a PTO approval and logging tool with Outlook integration.
• Wrote complex SQL queries to optimize database performance, fix data inconsistencies, and generate hierarchical reports for executives and managers.

PROJECTS

Athlete Technique Analysis (Android App)
• Led and developed an Android app to record and analyze golfer swings using machine learning, pose estimation, and image segmentation.
• Improved performance accuracy by parsing video into 7 key swing frames with prescriptive feedback.
• Demonstrated expertise in Android Studio, Azure cloud storage, and ML frameworks such as Keras & TensorFlow

3D Apple Animoji Recreation
• Built a real-time 3D facial tracking system using REGL (WebGL) and C programming.
• Achieved live facial expression mapping through webcam input.

Ominous (Indie Game on Unity/itch.io)
• Designed and developed an indie survival game played by 3,000+ users using the Unity Game Engine.
• Programmed enemy AI behaviors with perception logic (sight & sound).

EDUCATION

Bachelor of Science in Computer Science   **Aug 2016 - Dec 2020**

CERTIFICATIONS

Learning Splunk
Data Monitoring & Query Building