

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. A proven leader with a track record of building and scaling high-performance systems, I am an expert in Ruby on Rails, Node.js, AWS, and working with AI/ML frameworks, 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, NGINX, Splunk, C, RabbitMQ, Keras, TensorFlow, Jenkins, React.js, Github Actions, AI Development Tools (Cursor, Warp)

WORK EXPERIENCE

SmartRent / SightPlan

Site Reliability Engineer / Software Engineer

Oct 2021 - Apr 2025

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

Backend Developer

Apr 2021 - Oct 2021

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)

Full-Stack Web Developer

Jul 2020 - Oct 2020

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

Computer Science Teaching Assistant

Aug 2019 - Jul 2020

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

Software Engineer Intern

May 2019 - Jul 2019

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

Full-Stack Web Developer

Nov 2017 - Dec 2018

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