

Arun Joshi

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SUMMARY

Co-Founder at TheDrive.ai with 4 years of experience in software development. Proven ability to lead cross-functional teams and drive successful product development.

EXPERIENCE

Full Stack Engineer

Applied Dynamic Solutions

May 2020 - Present, Rahway, NJ

- Architected solutions for matching algorithms incorporating over 15 parameters, optimizing queuing and execution processes to enhance user experience.
- Developed web/native apps for diverse clients, supporting user bases from 50 to over a million.
- Proficient in building multi-platform services enabling real-time updates through socket connections.
- Established an internal component library and React application boilerplates, utilized across 12 projects within the organization, fostering consistency and efficiency in development practices.
- Standardized coding patterns, request/response structures, Git workflows, and pipeline deployment strategies, resulting in improved development workflows and collaboration across teams.
- Demonstrated expertise in Azure cloud infrastructure and Azure DevOps, contributing to the setup of Network Security Groups (NSG), firewalls, and role-based permissions within Azure Active Directory (AD), ensuring secure resource access, deployments, artifact management, and pipeline operations.

Software Developer Intern

Applied Dynamic Solutions

May 2019 - May 2020, Rahway, NJ

- Implemented tier-based subscription functionality on a web app, driving a 25% increase in adoption. Demonstrated expertise in React, Stripe integration, and C# backend development.
- Developed multi-factor authentication for multiple apps, enhancing security with React, Twilio, JWT, OAuth2.0, and MongoDB.
- Spearheaded accessibility enhancements for an e-commerce site, achieving AAA WCAG compliance. Utilized PHP, AngularJS, HTML/CSS, and accessibility-focused practices.

Administrative Assistant

Caldwell University

September 2016 - May 2018, Caldwell, NJ

- Provided technical support to staff and student-athletes, ensuring smooth operations and troubleshooting issues effectively.
 - Implemented and managed a new database and information management system, optimizing data organization and accessibility.
 - Coordinated the streaming and recording of athletic events, enhancing audience engagement and accessibility.
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PROJECTS

Co-Founder, Chief Product Officer

TheDrive.ai • <https://thedrive.ai> • March 2023 - Present

- Conceptualized and developed the user interface for thedrive.ai platform, accommodating over 6000 users.
 - Envisioned the convergence of messaging, storage, and content generation services, pivoting the platform from a mere document querying service to a comprehensive solution for information retrieval and sharing
 - Integrated essential features such as notification systems, messaging functionalities, replies, and reactions into the platform.
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EDUCATION

Bachelor of Science in Computer Information Systems

Minor in Mathematics, Business Administration • Caldwell University • Caldwell, NJ • 2020 • 3.86

CERTIFICATIONS

Azure Fundamentals

Microsoft • 2023

- Demonstrate foundational knowledge of cloud concepts, core Azure services, plus Azure management and governance features and tools.
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INVOLVEMENT

Founder, Executive Member

Caldwell University · Nepalese Student association · May 2017 - May 2019

- cultivate a supportive network of individuals who shared similar cultural backgrounds and experiences, providing a sense of belonging in an unfamiliar environment.
- Plan events, foster cultural exchange, and support members in navigating the challenges of studying abroad.

SKILLS

UI/UX, Generative AI, Messaging, Azure, DevOps, DotNet, React,