Timothy Allgood

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SUMMARY

Skilled Full-Stack Software Engineer, skilled in developing responsive, scalable web applications using Angular, TypeScript, and proficient in back-end services with .NET, including RESTful APIs and database integration, using both relational and nonrelational databases. Strong foundation in best coding practices, eager to tackle complex challenges and apply my expertise to new projects, especially within the D&D universe.

EXPERIENCE

Software Engineer
Raistone   **December 2021 - Present,**
- Built user-friendly, responsive, and scalable dashboards with Angular, utilizing NgRx for state management.
- Developed scalable RESTful APIs using .NET that served data from a Microsoft SQL Server database to an Angular frontend.
- Built extensive test coverage for each .NET feature, and each Angular component.
- Performed and participated in code reviews, receiving feedback from senior engineers and experience in writing scalable code.
- Managed source code effectively utilizing Azure Repos, ensuring seamless collaboration within the software development team.
- Participated in Agile ceremonies; e.g. user story grooming, sprint planning, etc.
- Utilized Jira for story and ticket management .
- Streamlined communication and decision-making processes with cross-functional teams to ensure efficient analysis and implementation of feature requests.
- Collaborated closely with QA to diagnose and resolve bugs.

Software Engineer
Archer Rose Digital   **January 2020 - December 2023,**
- Developed user-friendly and responsive websites utilizing frontend technologies including JavaScript, HTML, CSS, and SASS.
- Developed RESTful APIs using backend technologies, mainly with the MERN stack.
- Designed and templated integrations into the WordPress CMS, using PHP, and WordPress themes.
- Scheduled deliverables and client meetings, ensuring timely project progress and client engagement.
- Using prototyping software, such as Photoshop, Illustrator, and Figma, built high-quality mockups and designed different prototypes, for multiple screen sizes.

Vivint
Smart Home Professional   **June 2018 - June 2020,**
- Installed Smart Home technology and equipment, equipment included; cameras, home security devices, Smart thermostats, and Smart door locks.
- Solved software, and hardware malfunctions in Vivint smart home systems.
- Utilized communication skills to resolve customer issues following standard protocols.
- Leveraged technical expertise in Vivint products to train new team members, ensuring consistent quality in service delivery.
- Resolved customer equipment malfunctions by explaining issues and outlining solutions.

IT Supervisor
Rhino Blast Exterior   **April 2016 - June 2018,**
- Utilized technical skills in software updating to maintain system efficiency and security.
- Utilized technical skills in WordPress CMS and PHP to create an efficient online platform for service scheduling and display, enhancing operational effectiveness.
- Maintained computer systems, including databases and software programs.

Frontend Developer
Timotheus Designs   **January 2014 - April 2016,**
- Developed user-friendly and responsive websites utilizing frontend technologies including JavaScript, HTML, CSS, and SASS.
- Designed and templated integrations into the WordPress CMS, using PHP, and WordPress themes.
- Scheduled deliverables and client meetings, ensuring timely project progress and client engagement.
- Using prototyping software, such as Photoshop, Illustrator, and Figma, built high-quality mockups and designed different prototypes, for multiple screen sizes.

SKILLS

- **Languages**: C#, JavaScript, TypeScript, Python, PHP, HTML5, CSS
- **Frameworks/Libraries:** .NET Core, React, Angular, Node.js, Express, NgRX, jQuery, Django, Sass
- **Databases:** SQL Server, MySQL, PostgreSQL, MongoDB
- **Tools & Platforms:** Git, Azure Repos, Jira, LLBLGen
- **Others:** Responsive Web Design, RESTful APIs, Agile Development Practices

PROJECTS

• **Project Artemis**: Raistone Project: Contributed to the development of a client onboarding tool aimed at streamlining the financing application process for companies working with Raistone.

• **Project Namoluk**: Internal Raistone Project: Developed a ledger-based dashboard to allow Raistone's operations staff and financing participants to view and settle financing offers.

• **GoblinKraft** : An advanced D&D app with random generators, campaign planning, and DM screen features, integrating ChatGPT for dynamic content creation, showcasing my ability to innovate and engage the D&D community.

• **Write On**: Created a full-stack web app that allows writers to be inspired by WritingPrompts subreddit content. Implemented user account creation, data storage, and a responsive frontend with React, as well as a GraphQL API backend built with Express.

• **DnDGo**: Designed and developed a full-stack web app that connects players of tabletop role-playing games like Dungeons and Dragons. Built with the MERN stack.

• **Express Market**: Built a simple yet effective ecommerce CMS, allowing users to sign up and shop from a database. Developed with Node.js, Express, and MongoDB.

• **Project Wayfarer:** Collaborated on a team to design and develop a travel blogging platform with user authentication and the ability to add posts on each location. Built using Python, Django, and PostgreSQL.

• **The Collector's Guild**: Assisted in developing a landing page for collecting and displaying user information on a dashboard, employing Node.js, Express, and MongoDB to improve user interaction and data visualization.