JUSTIN ELLIOTT

Senior Software Engineer

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SUMMARY

Senior Software Engineer with over 10 years of expertise in designing and optimizing scalable backend services using **Java**, **C#**, **Python** and **Node.js**, with deep knowledge of microservices architecture and cloud-native development on **AWS**. Skilled in front-end technologies like **React**, enabling seamless full-stack development. Strong background in CI/CD pipelines, performance optimization, and security best practices to ensure high-quality, efficient applications. Passionate about driving innovation, improving system performance, and collaborating with cross-functional teams to achieve complex business and technical goals.
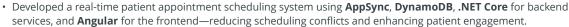
EXPERIENCE

06/2021 - 12/2024

Wilmington, DE

Senior Software Engineer

TechSolutions,

- Developed a real-time patient appointment scheduling system using **AppSync**, **DynamoDB**, **.NET Core** for backend services, and **Angular** for the frontend—reducing scheduling conflicts and enhancing patient engagement.
- Participated in the full software development lifecycle, leveraging **Spring Boot** to build and maintain robust Java applications in close collaboration with cross-functional teams.
- Implemented DevOps practices by integrating **Docker**, **Kubernetes**, and **CI/CD** pipelines, reducing deployment time by 50%.
- Partnered with cross-functional teams to build and deploy scalable cloud-based web applications leveraging **AWS** services, including EC2, S3, Lambda, and DynamoDB.

03/2017 - 05/2021

McKinney, TX

Full Stack Engineer

ScienceSoft

- Developed **REST** and **GraphQL** APIs to facilitate easy third-party CRM integrations, allowing businesses to connect their existing customer databases.
- Implemented a real-time patient monitoring dashboard using **React**, **WebSockets**, and **Django**, enabling medical professionals to track vitals dynamically.
- Built a responsive web application using **Next**, **NestJS** allowing warehouse managers to track inventory levels, shipments, and low-stock alerts in real time.
- Improved database performance by implementing caching (**Redis**, **DynamoDB**) and optimizing queries for **PostgreSQL** and **MongoDB.**

05/2014 - 02/2017

Philadelphia, PA

Full Stack Developer

Inoxoft

- Assisted in the migration of legacy systems to cloud infrastructure using AWS technologies, including **EC2** and **S3**.
- Contributed to full-stack development by building front-end customer interfaces using **Vue.js** and backend APIs using **Laravel**, working under the guidance of senior engineers.
- Participate in code reviews, write unit tests, and debug applications to ensure functionality and performance standards are met.
- Work closely with senior developers and cross-functional teams to implement new features and resolve issues.

EDUCATION

08/2010 - 05/2014

Rechardson, TX

BS Computer Science

University of Texas at Dallas (UTD)

- Major: Computer Science | Minor: Mathematics

SKILLS

| Java | C# | Python | PHP | Node.js | MySQL | PostgreSQL | MongoDB | Spring Boot | Django | Laravel |

| Express.js | Nest.js | ASP.NET | GraphQL | JavaScript | TypeScript | React | Vue | Angular | Next | Git |

| Docker | AWS | Jenkins | Kubernetes |