Jun Yang

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Profile

Highly skilled software engineer with over 3 years of experience designing, developing, and maintaining complex software systems. Strong expertise in C#, Golang, JavaScript, TypeScript, and MSSQL, with a deep understanding of cloud computing and modern web frameworks. Proven ability to deliver scalable, performant solutions using microservices architecture, API integrations, and cloud platforms like AWS and Azure. Passionate about problem-solving and optimizing system performance. Excelled as a collaborative team player with leadership experience, striving to become a software architect to design robust, scalable systems that solve real-world problems.

Experience

Software developer (full-time)

Gravity ILabs — [Jan 2021 - present]

- Managed the delivery and maintenance of highly performant and scalable RESTful APIs using .NET MVC and .NET Core, optimizing APIs through code and database query optimizations.
- Proficient in C#, utilizing LINQ to improve codebase efficiency and reduce computation time across multiple modules.
- Designed and implemented dynamic and responsive web applications using Angular, integrating with PrimeNG components to improve user experience and functionality.
- Designed visually appealing and user-friendly Views in .NET MVC projects, leveraging HTML, JavaScript, and jQuery to enhance user experience.
- Crafted highly customized Telerik report templates and executed efficient queries in MSSQL, delivering comprehensive and insightful reports for clients.

Backend developer (part-time)

Infoseed Consulting Pty Ltd — [Jan 2022 - present]

- Led a small development team, reviewing code reviews and pull requests, resulting in higher code quality and smoother deployments using Amplify and AWS Lambda.
- Engineered scalable microservices with Golang, deploying Lambda functions with 99.9% uptime, improving overall system resilience.
- Implemented API Gateway to manage HTTP requests, ensuring secure and efficient communication between services. Used Lambda functions as authorizers to enforce fine-grained access control and meet specific security requirements.
- Implemented a logging system using SQS and CloudWatch, improving system monitoring, diagnostics, and issue resolution time.
- Designed reusable private modules, increasing development efficiency across multiple projects and improving maintainability.
- Managed CI/CD pipelines for AWS lambdas using Bitbucket pipeline, automating deployment workflows and reducing deployment times, ensuring faster and more reliable updates to production.

Education

Master of Computing, Specialization: Artificial Intelligence GPA: 5.75

The Australian University at Canberra, Australia. [Jul. 2018- Jul. 2020]

Key courses: Software Engineering, Machine Learning, Artificial Intelligence, optimisation, Relational Database, Computer Networks, etc.

Skills

- Programming Languages: C#, Golang, Typescript , JavaScript, Java, Python3
- Web Technologies: HTML, CSS, JQuery
- Frameworks: .NET, MVC, .NET Core, Angular, Vue
- Cloud Services: AWS (Amplify, Lambda, API Gateway, RDS, IAM, Cognito, etc), Azure
- Databases: SQL Server, MySQL, DynamoDB
- Source Control and Ticketing Systems: Git, Bitbucket, Jira
- Microsoft Office Skills: Word, Exel, PowerPoint