

Vitus Putra

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Education

North Carolina State University, Raleigh, NC

B.S. in Computer Science and Goodnight Scholar, 4.0 GPA

Experience

Cisco Systems, RTP, NC

Aug. 2022 – Present

Software Engineer II

- Develop and test scalable microservices using Spring Boot deployed in AWS. Created maintainable Terraform configurations to manage resources in AWS.
- Implemented unit, integration, and functional testing within CI/CD environment which reduced common bugs by 75%.
- Develop and test data ingestion pipeline using AWS ECS and Lambda and create nightly automation test cron job report using AWS Eventbridge.

Cisco Systems, RTP, NC

May. 2021 – Jul. 2022

Software Engineer I

- Developed a new service API authentication process using Nodejs and AWS Secure Token Service to help optimize transition to backup server during a disaster recovery.
- Validated and optimized the authentication process across numerous microservice platforms used by more than 1000 customers.
- Configured Kubernetes liveness, readiness, and startup probes for critical service.

Shipp, Raleigh, NC

Jul. 2020 – May. 2021

Software Engineer (part-time)

- Developed analytic and operation dashboard to organize real-life dating mixer using next.js, firebase, and GCP for more than 1000 users.
 - Grow the user base to over 20% month-over-month through addressing bugs and implementing user feedback in the iOS app and operation dashboard.
 - Integrated joinshipp.com website with Eventbrite API to improve user reach and ease of sign up for real life events.
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Project

Service Raleigh, Raleigh, NC

Sept. 2019 – Jul. 2021

Full-Stack Web Developer Volunteer

- Developed Service Raleigh website to handle registration data from more than 2000 volunteers each year using Django framework, Docker, Nginx, and PostgreSQL.
 - Developed CI/CD pipeline in CircleCi to seamlessly deploy new version to Digital Ocean.
 - Lead more than ten talented individuals each year to work on the new features and fix issues on the website.
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Skills

Technical: Java, Python, NodeJS, TypeScript, CI/CD, AWS, GCP, Firebase, SQL, NoSQL, Kubernetes, Docker, Software Testing, Cloud Services, Terraform, Spring Framework, SaaS, Restful Architecture, Distributed Systems.

Classes: Algorithm and Data Structures, Software Engineering, Database Management Systems, Software Security, Cryptography.

Certification: AWS Certified Developer – Associate