

Boonthai Yan

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WORK EXPERIENCE:

Cloud Engineer, Amazon Web Services, WA |

May-2022 to Present

- Supported companies worldwide in deploying cloud-native, full-stack applications on Amazon EKS, ECS.
- Resolved high-impact, time-sensitive critical production issues for applications serving millions of users during on-call rotations by performing root cause analysis and implementing preventative measures.
- Automated infrastructure provisioning and deployments using CloudFormation, Terraform, and CI/CD pipelines (GitHub Actions, GitLab CI) to reduce manual toil and accelerate release cycles.
- Troubleshoot complex issues across AWS services, networking, and third-party integrations; identified systemic weaknesses and proposed architectural changes to improve system stability.
- Designed and implemented end-to-end observability stacks using AWS-native tools and third-party solutions to improve monitoring, alerting, and troubleshooting capabilities.
- Developed internal automation tools in Python, bash, and PowerShell to streamline troubleshooting and customer issue resolution.

Software Engineer, IpserLab Startup Foundry, Remote, CA |

July-2021 to Jan-2022

- Rebuilt a farmers market e-commerce platform, migrating backend APIs from Java to Node.js and frontend from JavaScript to ReactJS, improving website performance and reducing hosting costs.
- Implemented RESTful APIs in Node.js to handle product listings and transactions, enabling secure farmer-to-buyer interactions and optimizing database queries and caching, reducing page load times and improving checkout speed.
- Designed and executed data migration plans, transferring data records from legacy systems (Java) to modern infrastructure (Node.js) with zero data loss and minimal downtime.
- Collaborated with the product team to deliver new ReactJS features, enhancing UI responsiveness and increasing user engagement.

SKILLS:

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- Languages: Python, C++, Java, JavaScript(ReactJS, Node.js), HTML, MySQL
 - Infrastructure-as-Code: Terraform, CloudFormation, eksctl
 - Cloud: AWS (EKS, ECS, EC2, ELB, EBS, EFS, Route 53, API Gateway, CloudWatch, X-Ray)
 - Containerization: Docker, Kubernetes
 - CI/CD & Observability: GitHub Actions, GitLab CI/CD, Grafana, FluentBit
 - Operating System: Linux, Windows

EDUCATION:

Bachelor of Computer Science,
Seattle Pacific University, Seattle, WA

Graduation: August 2021

Associate of Arts Degree,
Edmonds Community College, Edmonds, WA

Graduation: June 2018