

Ulysses Kai

Senior Software Engineer

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Summary

Agile software engineer with more than 10 years of background in crafting and developing high-performing APIs, AI feature development, and cloud-native apps. Proficient in Python, Node.js, Java, C#, Go, React, AWS, and Docker, with experience optimizing systems for performance, scalability, and reliability. Experienced at leading teams, technical mentoring of developers, and project driving that translates to improvement of user experience and business results. Has fun breaking down tough problems, optimizing workflows, and infusing creative ideas into actionable, effective solutions

Experience

May Mobility

650 Avis Dr

Senior Software Engineer

06/2021 - 04/2025

- Engineered advanced AI-powered recommendation systems leveraging TensorFlow, improving customer retention by 30% through tailored content delivery
- Achieved sophisticated predictive analytics models with Scikit-learn, elevating decision-making efficiency by 30% through actionable insights
- Spearheaded the development of ultra-fast APIs with Python/Django, delivering sub-20ms responses and scaling efficiently to 40,000 reqs/sec
- Optimized backend performance via advanced caching in Java/Spring Boot, reducing response time to 150ms-well below the 500ms target for a smoother UX
- Enhanced enterprise apps with Java, implementing multithreading and performance tuning to cut processing time by 35% and support 2x concurrent users
- Led cross-functional IT initiative to overhaul system architecture in C#/ASP.NET, streamlining workflows and increasing development speed by 20%
- Spearheaded the creation of 5+ applications, utilizing React(Hooks / Redux), Node.js, Gin, Go and Spring Boot, resulting in a 35% increase in user engagement
- Developed performant React components with Hooks and integrated Node.js backend, optimizing state and re-renders to boost app speed by 20%
- Drove a 50% increase in user satisfaction by crafting innovative features for a SaaS application using Vue.js, Ruby on Rails, Gin, Go and PostgreSQL
- Modernized legacy systems to AWS cloud using Docker, Kubernetes, and Terraform, cutting downtime by 35% and ensuring 99.9% uptime
- Built robust CI/CD pipelines, boosting deployment speed by 50% and enabling rapid, seamless feature rollouts with reduced time-to-market
- Guided a team of 5 developers in adopting clean coding standards, boosting productivity by 25% and cutting defect rates by 40%

Genetech Solutions

455 E Eisenhower, pkwy

Software Engineer

06/2016 - 05/2021

- Designed robust backend architectures with Laravel and .NET Core, handling a 50% surge in traffic while ensuring flawless 99.9% uptime
- Integrated 15+ RESTful and SOAP APIs with secure authentication and unified data formats, streamlining interactions and increasing system efficiency by 40%
- Created and deployed 25+ software projects using Angular, C# and MySQL, improving business operations and efficiency by 15%
- Developed scalable RESTful APIs with Node.js & Express, enabling seamless integration of 15+ third-party services for flawless interoperability
- Automated deployment and scaling processes for containerized applications with Kubernetes and Terraform, cutting infrastructure costs by 30%
- Redesigned database indexing strategies and implemented advanced caching with Redis and optimized SQL queries, boosting query performance by 40%
- Upgraded microservices in Go using the Gin framework, achieving a 20% boost in system performance and ensuring scalable, reliable solutions

Aegis Bleu

277 Highland Avenue

Junior Developer

08/2014 - 06/2016

- Improved PostgreSQL database efficiency, cutting data retrieval times by 35% and enabling seamless API integration for real-time operations
- Implemented automated testing suites with Selenium and Python, detecting and resolving over 150 critical bugs in the early stages of development
- Created and released 5 responsive web pages using HTML, CSS and JavaScript, optimizing load times and reducing page loading speeds by 20%
- Contributed to the development of eCommerce solutions using WordPress and Shopify, resulting in a 15% increase in customer engagement
- Participated in a capstone project creating a Python data analysis tool, cutting processing times by 15% and gaining experience with data analysis frameworks

Education

Western Michigan University

Kalamazoo, MI

Bachelor of Science Degree in Computer Science

04/2010 - 08/2014

Skills

Java · C# · Python · PHP · Ruby · Go · JavaScript · TypeScript · HTML · CSS · Real-time Data Analysis · Multithreading · MySQL · PostgreSQL · MongoDB · Redis · Query Optimization · React · Redux · Angular · Vue.js · Next.js · SaaS Application · Django · Flask · Spring Boot · Node.js/Express · .Net core · ASP.NET · Ruby on Rails · Gin · Laravel · WordPress · Performance Optimization · Advanced Caching · Shopify · API Authentication · RESTful · SOAP · Microservices Architecture · AWS · Azure · Google Cloud Platform(GCP) · CI/CD pipelines · Automated Deployment & Scaling · Docker · Kubernetes · Terraform · Selenium · Jest, Junit · Cypress · Mocha · Automated Testing Suites · TensorFlow · PyTorch · Scikit-learn · Predictive Analytics · Recommendation Systems