




Eli Chandler

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EDUCATION

University of Auckland

2022 – 2024

B.S. Computer Science

GPA: 8.3/9.0 (A)

Awards: (2x) First in Course Awards, (13x) Outstanding Achievement Awards

Areas of Study: Object Oriented Programming, Software Engineering, Discrete Math, Automata/Computability, Machine Learning, Algorithms/Data Structures, Operating Systems, Computer Architecture

EXPERIENCE

DevOps Intern

Aug. 2023 – Feb. 2024

Tencent – LightSpeed Studios R&D

Auckland, New Zealand

- Created a reproducible Jenkins environment for internal clients that could be deployed for a new client in minutes and provision build agents into k8s dynamically using Jenkins Configuration as Code (JCasC), Helm, Kubernetes
- Automated service deployment across multiple cloud platforms by developing reusable deployment pipeline templates using Spinnaker, successfully handling hundreds of deployments across 10+ services
- Created reusable CI/CD templates reducing pipeline development time and eliminating common configuration errors through standardized deployment patterns
- Extended from part-time to full-time summer position based on demonstrated ability to independently complete complex tasks with minimal supervision

SKILLS

Programming & Development: Python, Java, C#, SQL, Bash, Git/GitHub/BitBucket

DevOps: Docker, Kubernetes, Helm, Terraform, Infrastructure as Code, AWS (Amazon Web Services), GCP (Google Cloud Platform), GitHub Actions, BitBucket Pipelines, Jenkins

Software Engineering: Agile, Unit Testing, Integration Testing, Test Driven Development, Domain Driven Design, API Design, Jira

Interests: Gaming (RimWorld, CS2, Kerbal Space Program, etc.), Film, Coding hobby projects, Skimboarding

PROJECTS

Finds.ly | *Java, Spring Boot, Postgres, Docker, Kubernetes, Google Cloud, Terraform*

Feb. 2023 – Present

- Created platform enabling non-Chinese shoppers to buy safely from Chinese eCommerce platforms, serving 160k+ monthly active users by developing robust Java/Spring Boot REST API with intelligent caching and database optimization
- Engineered resilient web scraping system processing millions of monthly requests by implementing distributed scraping architecture with exponential backoff and multi-source aggregation
- Migrated from Python/Flask to Java Spring Boot, improving code reliability through static typing and comprehensive test coverage using unit and integration testing
- Created automatic CI/CD pipelines for REST API, Discord Bot, Reddit Bot, Image Processor, reducing deployment time from hours to minutes using GitHub Actions, Helm charts and Kubernetes
- Provisioned all Infrastructure as code allowing for easy overview, modification, tear-down and reproduction of cloud infrastructure using Terraform & GCP

Dating App (University Capstone Project) | *.NET, AWS, Terraform, Postgres React Native*

Jun. 2024 – Nov. 2024

- Led 5-person development team using Agile methodology, delivering A+ grade project through bi-weekly client demos, GitHub issue tracking, and daily standups
- Architected scalable .NET MVC REST API implementing Domain-Driven Design patterns with 30+ endpoints across 9 domain models, including real-time messaging via WebSocket integration
- Implemented infrastructure as code using Terraform to manage AWS services (RDS, ECS, S3, CloudFront), enabling rapid environment reproduction and clear infrastructure documentation
- Created pagination solution for randomized yet stable search results by implementing custom SQL ordering with client-side seed values
- Designed comprehensive CI/CD pipeline using GitHub Actions, incorporating automated testing and database migration safeguards to ensure deployment reliability