LUCAS HYATT

llhyatt98@gmail.com | 503-400-1477 | lucashyatt.com | Salem, OR
linkedin.com/in/lucas-hyatt-32a609173 | github.com/llhyatt98/

Solution-driven full stack engineer with a passion for architecting and building applications. Proven ability to implement responsive UIs, RESTful services, and databases while adapting to changing technical needs.

EDUCATION

University of Oregon - **B.S. Computer and Information Science, Minor in Mathematics**

LANGUAGES

- JavaScript, TypeScript, Python, Go, C/C++, HTML5/CSS3, SQL/PostgreSQL/NoSQL, JSON, YAML

SKILLS

- Front-end: React, React Native, Redux/Saga, React-Query, Bootstrap, Expo, Material-UI, JOI, UI/UX design
- Back-end: Docker, Podman, Flask, Falcon, Fast API, ORMs, Pytest, Node.js, Nest.js, Express.js, Forest Admin
- AWS: Boto3, EC2, S3, Lambda, ECR, VPC, IAM, RDS, EFS, Cognito, CloudWatch, Amplify, API Gateway, ECS, Step Functions
- Workflow/Automation: VIM, Figma, Avocode, Storybook, Git, NPM, VS Code, Jira/Notion, TDD, Github Actions
- 3rd Party API Experience: Twilio, SendGrid, Stripe, Slack, Braintree, Smart Car, Google Analytics, Mailchimp

EXPERIENCE

Scala Computing - Full Stack Engineer (Mar 2023 – February 2025)

- Owned full stack development for the simulation (NS3) and emulation (SCVM) verticals, driving critical business solutions
- Led cross-functional team responsible for building a new vertical from the ground up, exceeding launch timelines
- Independently implemented SCVM component library, configuration upload, RBAC, cost and usage tracking features
- Designed and consumed complex emulation runtime statuses from SCVM Fast API backend to display interactive React Flow GUI
- Collaborated with DSP engineers to implement simulation "drilldowns" giving clients actionable insight into simulation results
- Implemented full stack feature enabling Chakra execution traces for NS3 simulations using Golang API and React
- Implemented AWS state machine allowing enterprise clients to self-deploy custom instances of our application saving dev time
- Developed and optimized API endpoints and backend microservices across verticals in FastAPI (Python) and Golang

Nightery - Full Stack Engineer (September 2021 – December 2022)

- Owned and optimized the entire development cycle across tech stack (React Native, TypeScript, Flask, SQL)
- Led architecture and implementation of Nightery's "*Pick 'Em*" and "*Survivor*" flagship products driving an increase in MRR
- Implemented comprehensive communication modules offering automated emails, DMs, live chat, and push notifications
- Developed AWS infrastructure solutions leveraging elastic beanstalk, lambda, EC2, API gateway, and S3 storage
- Managed Nightery's SQL database architecture including migrations, CRUD operations, and backup protocols

Core to Coeur - Full Stack Engineer (June 2020 – August 2021)

- Architected and implemented a scalable full-stack web application using React, Redux Saga, and Node.js (Nest.js)
- Led the end-to-end design and implementation of a comprehensive payroll system using Stripe integrations
- Designed and implemented database schemas and performant Nest.js API endpoints that reduced frontend request latency

PROJECTS

DocuForge – Document Templating Micro SaaS using AI (February 2025 – Present)

Built an AI document generation platform that leverages LLM integration for document creation. Implemented a file conversion service in my FastAPI backend using WeasyPrint. The project uses AWS infrastructure (Cognito, EC2, RDS and containerized services), with Stripe integration for payment processing. The front-end uses React, Redux-saga and Material-UI.

OFFSET (Paid Contract) – Full Stack Engineer (August 2022 – November 2022)

Designed a React Native mobile app that rewards users for sustainable behaviors by integration web3 technologies and AWS for authentication and storage. Created Smart Car API integration to connect with electric vehicles and developed an algorithm that combines odometer data with phone sensors to calculate carbon emissions.