

# Dibora(Deb) Dagne

📍 Austin, TX | ✉ [deboradagne@gmail.com](mailto:deboradagne@gmail.com) | ☎ 714.728.5937 | 🔗 [LinkedIn Profile](#) | 🔗 [GitHub Profile](#) | [Portfolio](#)

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Results-driven software engineer with 5+ years of experience developing scalable distributed systems, cloud-native applications, and high-performance APIs used by millions of users. Proven track record of reducing latency, optimizing infrastructure, and enhancing security in large-scale production environments.

## Work Experience

### Senior Software Engineer

#### Abbott Labs - Lingo Bio-wearables | San Francisco, CA | 2023 - 2025

- Optimized API performance, reducing latency by 40% and increasing system throughput by 50% by refactoring database queries and implementing payload compression.
- Increased user retention by 25% by architecting and deploying distributed backend services using Node.js, GraphQL, and REST APIs with 99.9% uptime.
- Cut cloud infrastructure costs by 30%, as measured by monthly AWS and GCP expenditures, by implementing serverless computing and Kubernetes-based containerization.
- Reduced production bugs by 60% and customer complaints by 35% by integrating Sentry.io and SonarQube for automated code quality checks.
- Enhanced security compliance, reducing security vulnerabilities by 35% and data breaches by 20%, by implementing OAuth authentication and encryption strategies in alignment with GDPR and SOC2.

### Full Stack Web Developer

#### Upwork - Austin, Texas | 2019 - 2023

- Improved page load speeds by 50%, increasing user engagement by 20%, by optimizing React front-end performance and implementing lazy loading techniques.
- Reduced server downtime by 40%, as measured by uptime monitoring metrics, by optimizing SQL and NoSQL database indexing strategies.
- Accelerated feature release cycles by 3x, as measured by release frequency, by automating deployment pipelines using GitHub Actions and Harness.
- Drove a 25% increase in SaaS revenue by integrating secure payment (Stripe) and real-time messaging (Twilio) APIs to enhance the user experience.

## Technical Solutions Consultant

Wuhyun Technologies LLC - Seoul, South Korea | 2016 - 2019

- Generated \$1.5M in revenue, as measured by secured contracts with a leading European HVAC company, by conducting market research and leading strategic negotiations.
- Expanded business growth, as measured by successfully closing major deals with Samsung HQ, Toshiba, and Bosch, by identifying opportunities to present customized software solutions.
- Enhanced client capabilities, as measured by improved adoption and administration of software solutions, by training dealers and customer sales engineers.

## Projects

### Global Analytics Platform

- Reduced data processing time by 60%, as measured by faster real-time insights for millions of users, by building a fault-tolerant, distributed system with optimized algorithms and asynchronous execution.

### E-Commerce Platform

- Achieved 99.9% uptime and reduced API response time by 50%, as measured by improved backend infrastructure stability, by developing a scalable web application using React, Node.js, and PostgreSQL.

### Open Source contribution:

- Contributor to **React.js** and **Next.js**

## Technical Skills:

- **Programming Languages:** TypeScript, JavaScript, Python
- **Frontend Development:** React, HTML, CSS/Sass, Responsive Design
- **Backend Development:** Node.js, RESTful APIs, GraphQL
- **Cloud Platforms:** AWS, GCP, Azure
- **Database Management:** SQL, NoSQL
- **API Integration:** Stripe, Twilio, SaaS-based applications
- **Tools & Platforms:** GitHub, GitHub Actions, CI/CD Pipelines, Sentry.io, SonarQube, Harness
- **Testing & Quality:** Test-Driven Development (Jest, Cypress), Code Reviews
- **Other Skills:** Accessibility Development, Agile Methodologies, UI/UX Design

## Education:

🎓 **SunMoon University, South Korea** — Bachelor's Degree - 2015

🎓 **University of Texas, Austin** — *Full Stack Web Development Certificate, 2020*

**Spoken Languages:** English, Korea, Amharic