

# Freedom Freak

## Senior Software Engineer

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### SUMMARY

I'm a driven Full Stack Developer with a strong foundation in computer science and a knack for crafting efficient, user-centric applications. My journey into tech is fueled by a desire to learn, innovate, and contribute to projects that make a difference. I thrive in collaborative environments and am always excited to tackle new challenges.

### SKILLS

**Programming Languages:** C/C++, JavaScript, Python, SQL, TypeScript, MongoDB

**Frameworks & Libraries:** React JS, Node JS, Flask, Tailwind CSS, WordPress

**Tools & Platforms:** Firebase, Git & GitHub, VS Code, Postman, Google Cloud Platform

**Core Competencies:** Problem Solving, Presentation, Oratory, Team Leadership, Event Hosting, Agile Methodologies

### Projects

#### **Gamified Fintech Platform**

Designed an interactive fintech platform integrating gamification to boost user engagement and financial literacy. Features include reward-based learning, budget management tools, and API integration for paper trading simulations.

### **Blood Shortage Survey and Dashboard**

Developed a platform to report and analyze regional blood shortages, providing real-time insights via an interactive dashboard to assist healthcare organizations and blood banks.

### **Automated Bus Scheduling and Route Management System**

Created a prototype for Smart India Hackathon with real-time tracking, automated scheduling, and optimized route planning to enhance public transport efficiency.

## EDUCATION

### Applied Associate Degree

The Hague University of Applied Science, Netherlands

2012-2015

### Computer Science, Bachelor's degree

Erasmus University College, Netherlands

2015-2018

## LANGUAGE

English

## EXPERIENCE

### Software Engineer, Quantum Dynamics, Utrecht, 02/2021 – Present

A web and mobile design and development consultancy offering services such as product design, web development, and mobile app development.

(React.js, Angular.js, Java, C#, Python, SQL, Next.js, .NET, Golang, Django, FastAPI, EC2, S3, RDS, GCP)

- Orchestrated innovative full-stack development initiatives, architecting resilient and scalable solutions that propelled business growth and enhanced user engagement across diverse platforms.
- Collaborated seamlessly with cross-disciplinary teams, transforming complex requirements into elegant, high-performance applications within fast-paced Agile environments.
- Pioneered the design and implementation of microservices architectures, ensuring systems were robust, flexible, and primed for future expansion.
- Leveraged cutting-edge cloud technologies and containerization tools such as Azure, Docker, and Kubernetes to optimize deployment pipelines, reducing time-to-market and increasing reliability.
- Mentored junior engineers, fostering a culture of continuous learning and quality excellence through rigorous code reviews and knowledge sharing sessions.

## Full Stack Engineer, Skyline Software, Utrecht, 12/2019 – 02/2021

A global provider of software development solutions and support services. Chetu's specialized technology and industry experts serve startups and SMBs with an unparalleled software delivery model suited to clients' needs.

(React.js, Node.js, Express, MongoDB, TypeScript, PHP, Laravel, Java, Redis, RabbitMQ, RESTful API, GraphQL, Docker, Kubernetes, Jenkins, GitLab CI, AWS CodePipeline)

- Engineered dynamic web applications by seamlessly integrating front-end finesse with robust back-end logic using React, Angular, and ASP.NET frameworks, delivering engaging user experiences.
- Optimized database performance through meticulous query tuning and data management across MSSQL, MySQL, and MongoDB, ensuring swift and reliable data access.
- Designed and implemented RESTful APIs, enabling scalable and interoperable systems that adapted effortlessly to evolving business needs.
- Contributed to Agile sprints with proactive problem-solving, driving continuous improvement and innovative feature delivery across projects.

## Junior Web Developer, Digital Nest, Amsterdam 06/2015-12/2019

An award-winning national custom software development, IT staffing, and consulting firm known for providing strategic technology solutions to businesses nationwide.

(HTML, CSS, JavaScript, PHP, MySQL, AJAX, jQuery, Git, SDLC, Postman, Chrome Developer Tools, Firebug, Angular.js)

- Played a vital role in crafting and maintaining visually appealing, user-centric websites and web applications that captivated audiences and enhanced brand presence.
- Gained mastery over front-end technologies like HTML, CSS, JavaScript, and PHP, transforming creative visions into functional digital experiences.
- Supported backend database management and scripting, ensuring data integrity and seamless server-side operations that underpinned successful project launches.