

Huseyin Bozkurt *Software Engineer*

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SUMMARY

Senior Software Engineer with 8+ years of experience building scalable products across web, mobile, AI, and cloud environments. Combines hands-on development with architectural thinking and delivery ownership, with expertise spanning React, TypeScript, Node.js, AWS, and modern DevOps practices.

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, React Native, Redux Toolkit, Server-side Rendering (SSR), UI Architecture, Responsive Design, Performance Optimization, Reusable Component Design

Backend: Node.js, NestJS, Express.js, RESTful APIs, PostgreSQL, MongoDB, Mongoose, API Integration, System Design, Backend Architecture

Cloud & DevOps: AWS ECS, Amazon EC2, Amazon RDS, AWS Amplify, Application Load Balancer (ALB), Docker, Terraform, Containerization, CI/CD, GitHub Actions, Cloud Infrastructure, Infrastructure Automation

Testing & Quality: Cypress, Jest, Mocha, Automated Testing, End-to-End (E2E) Testing, Code Reviews, Release Management, Production Support

Mobile Development: React Native, Cross-platform Development, App Store Release Management, Google Play Release Management

AI & Automation: LLM Integrations, Prompt Engineering, AI-Assisted Development (Claude, Codex, Copilot), Intelligent Automation

Tools & Collaboration: Git, GitHub Workflows, Bitbucket, Jira, Confluence, Agile / Scrum, Trunk-based Development, Team Leadership, Mentorship

PROJECTS

Engineering Portfolio Platform *🔗*, *Founder & Full-Stack Engineer* | *Personal Product* 06/2026

- Built a monorepo-based platform combining a public engineering portfolio with a private admin application for content management.
- Designed structured workflows and data models to manage experiences, projects, and evidence-backed case studies.
- Integrated AI-assisted review capabilities to improve content quality by identifying vague claims and missing measurable outcomes.
- Provisioned and managed AWS infrastructure with Terraform modules, including VPC, ALB, ECS, ECR, RDS, and Secrets Manager; containerized applications with Docker, published images to ECR, and automated deployments to ECS services behind an Application Load Balancer.

Tech: Turborepo, Next.js, React, TypeScript, Tailwind CSS, PostgreSQL, Drizzle ORM, Docker, Terraform, AWS (VPC, ALB, ECS, ECR, RDS, Secrets Manager), Cloudflare, AI/LLM Integration

AI-Powered Resume & Job Matching Platform, *Founder & Full-Stack Engineer* 05/2026 – Present

- Built an AI-powered platform for resume analysis, job matching, resume tailoring, and report generation using LLM-driven workflows across separate frontend and backend applications.
- Designed modular backend services and asynchronous task pipelines using SQS to handle long-running AI operations, prioritization, retries, and failure recovery.
- Implemented CI/CD pipelines with GitHub Actions and provisioned AWS infrastructure using Terraform modules, leveraging Docker, ECR, ECS, ALB, RDS, VPC, and Secrets Manager to automate deployments and operate production services.

Tech: Next.js, NestJS, TypeScript, PostgreSQL, Docker, Terraform, GitHub Actions, AWS (VPC, ALB, ECS, ECR, RDS, SQS, Secrets Manager), AWS Amplify, AI/LLM Integration

PROFESSIONAL EXPERIENCE

Freelance, *Freelance Software Engineer* 06/2025 – 03/2026
Canada

- Delivered full stack web applications using React, Node.js, and MongoDB.
- Designed RESTful APIs and optimized database performance using MongoDB/Mongoose.
- Built AI-integrated SaaS projects focused on LLM workflows and scalable architecture.
- Worked with AWS, Docker, ECS, RDS, and Terraform for containerized deployments and infrastructure automation.
- Refactored legacy systems and resolved production issues across multiple environments.

Huawei, *Senior Software Engineer & Team Lead* 01/2023 – 06/2025
Turkey

- Led a team of 10 frontend engineers across multiple enterprise projects.
- Owned end-to-end frontend delivery using React and TypeScript.

- Contributed to scalable frontend architecture, reusable component systems, and state management patterns.
- Conducted code reviews, mentored developers, and improved engineering standards.
- Coordinated releases and production deployments in Agile/trunk-based workflows.

Turk Telekom, Software Engineer

02/2021 – 12/2022
Turkey

- Developed and maintained data-intensive React applications focused on performance and scalability.
- Refactored legacy frontend systems to improve maintainability and reduce production issues.
- Built Cypress E2E automation suites with ~90% test coverage.
- Contributed to frontend architecture and release reliability improvements.

Caunos BV, Software Engineer

10/2019 – 12/2020
Netherlands

- Developed scalable frontend applications in Agile/Scrum environments.
- Implemented frontend features in collaboration with international stakeholders and business analysts.
- Improved application reliability through code reviews and automated testing (~90% coverage using Jest/Mocha).
- Contributed to reusable component-based frontend architecture.

KNS IT Technologies, Software Engineer

10/2018 – 09/2019
Turkey

- Developed and maintained 20+ React Native applications for iOS and Android.
- Managed mobile release workflows for App Store and Google Play.
- Built reusable UI component libraries and shared feature modules.
- Developed interactive kiosk applications using React.js and Vue.js.
- Resolved cross-platform and device-specific issues to improve application stability.

Corebit Tech, Software Engineer

02/2018 – 09/2018
Turkey

- Developed backend services and RESTful APIs using Node.js.
- Migrated database structures from MySQL to MongoDB and optimized query performance with Mongoose.
- Integrated third-party services and contributed to scalable backend architecture and API reliability.

EDUCATION

Bachelor's Degree in Computer Engineering, Manisa Celal Bayar University

09/2013 – 02/2018
Turkey