

ABHINAV ROBINSON

SENIOR SOFTWARE DEVELOPER

(+91) 7895747201 | abhinavrobinson@gmail.com | [linkedin.com/in/abhinavrobinson](https://www.linkedin.com/in/abhinavrobinson) | github.com/abhinavrobinson | abhinavrobinson.dev

Senior Software Developer with 5+ years of professional experience and 12+ years as a passionate technologist. Specialized in building high-performance, scalable applications across the full development stack. Proven track record in optimizing system performance, reducing infrastructure costs, and leading technical teams. Expert in TypeScript, Go, Rust, and Python, with extensive experience in cloud infrastructure, microservices architecture, and blockchain technologies.

SKILLS

Languages: TypeScript, Go, Rust, Python, JavaScript, SQL, GraphQL, Solidity, Lua, Java, C/C++

Frontend: React, Next.js, Vue 3, Three.js, HTMX, Astro, TailwindCSS, React Native, Expo

Backend: Node.js, Nest.js, Express, Axum/Rocket, Django, Flask, PostgreSQL, MongoDB, Elasticsearch

Cloud & DevOps: AWS, Azure, GCP, Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions)

Blockchain: Ethereum, Web3, Hardhat, Smart Contract Development, NFTs

Tools & Libraries: Git, NeoVim, GraphQL, Redux, Zustand, React Query, Prisma, Stripe, Jest, gRPC, WebSockets

EXPERIENCE

Senior Software Developer

Scope

October 2022 – Present

Stockholm, Sweden

- Led full-stack improvement of Elasticsearch integration, resulting in 20% faster search performance and enabling advanced query capabilities
- Optimized critical SQL queries in Python backend, reducing database load by 10% and cutting query execution time by 20%
- Achieved 95+ Lighthouse scores across core applications through comprehensive web performance optimization
- Designed and implemented efficient caching system with intelligent invalidation strategies, reducing API calls%
- Launched 3 successful Shopify applications (Scope Creator Sourcing, Scope Marco, Abbie V2) using Go backend and React frontend
- Architected and maintained Next.js web application with GraphQL/Apollo, implementing strategic caching that improved response times by 80%
- Integrated WebSockets and Pusher services to enable real-time features, increasing user engagement metrics by 20%
- Implemented performance-focused web scraping services in Python, processing 300% more data while reducing resource consumption
- Enhanced application security to meet industry standards and Shopify policies, addressing all critical vulnerabilities

Senior Software Developer (Technical Lead)

Nonceblox

September 2021 – October 2022

Delhi, India

- Led team of 15 developers across 20+ successful projects in the MERN/TypeScript ecosystem
- Directed end-to-end blockchain development using Solidity, achieving 80-100% test coverage across smart contracts
- Developed robust and secure end-to-end Blockchain smart contracts using Solidity, achieving exceptional test coverage of 80-100%, highlighting expertise in blockchain development and testing.
- Established version control standards and security practices now used company-wide
- Designed and deployed scalable Web3 applications on AWS, handling 2K+ daily transactions
- Collaborated with clients on diverse blockchain projects including NFT platforms, DAOs, and digital asset management systems

- Implemented microservices architecture for large distributed applications, increasing system resilience and scalability
- Utilized DevOps technologies (Docker, K8s, AWS services) to create efficient CI/CD pipelines

Full Stack Web Developer

May 2021 – September 2022

Nonceblox

Delhi, India

- Built 3 complex applications using Next.js, Nest.js, TypeScript, MongoDB, RabbitMQ, and WebSockets
- Integrated Solidity smart contracts with frontend applications across multiple blockchains (Ethereum/Polygon/BSC)
- Implemented decentralized storage solutions using IPFS, optimizing for cost and performance

Software Development Engineer

December 2020 – April 2021

Atom

Delhi, India

- Developed cross-platform desktop application using Electron framework
- Created responsive UI/UX and native OS scripts for seamless user experience
- Built core functionality using Python, C++, and TypeScript

PROJECTS (OPEN SOURCE)

Tauri/Rust Screen Recorder <i>Rust, React.JS, Typescript</i>	30+ stars
<ul style="list-style-type: none"> • Cross-platform screenshot application built with Rust and Tauri Framework 	
Next Range Slider <i>Next.JS, Typescript</i>	5000+ Downloads
<ul style="list-style-type: none"> • Type-safe double range slider optimized for Next.js 	
Shopify Next App <i>Next.JS, Typescript, Shopify</i>	Contributor
<ul style="list-style-type: none"> • Enhanced Shopify app template for compatibility with latest Next.js features and Shopify API • Provide developer relations support for the project 	
React Tailwind Date-picker <i>React.JS, Next.JS, Typescript</i>	Contributor
<ul style="list-style-type: none"> • Improved React date picker for Next.js compatibility with enhanced type safety 	

EDUCATION

Bennett University	Delhi, India
B. Tech, Computer Science and Engineering	July 2018 – May 2022

CERTIFICATIONS

AWS Academy Cloud Fundamentals <i>Amazon</i>	February 2021
Azure Fundamentals <i>Microsoft</i>	March 2021
Azure AI Fundamentals <i>Microsoft</i>	April 2021
Continuous Delivery and Developer Operations <i>Coursera</i>	December 2021