

Richard Cohen

Senior Software Engineer

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Professional Summary

Senior Software Engineer with 10+ years of experience in full-stack development, specializing in APIs, TypeScript, React, GraphQL, and Node.js. Proven expertise in leading teams, managing large-scale distributed architectures with over 50 microservices, and optimizing application performance by up to 20%. Adept at collaborating in Agile environments, improving system performance, and driving innovative solutions that enhance user experience. Strong background in cloud technologies (AWS), DevOps, and implementing CI/CD pipelines. Committed to delivering high-quality, scalable software solutions for Fortune 500 clients.

Technologies

- **Languages & Frameworks:** TypeScript, React, GraphQL, ColdFusion, HTML, CSS, Node.js
- **Databases:** MS SQL, Postgres, MongoDB, SQLite, DynamoDB, MySQL
- **Cloud & DevOps:** AWS (Amplify, AppSync, DynamoDB, Cognito), Docker, Kubernetes, Git, GitLab, Terraform, CI/CD, Visual Studio Code
- **Testing & Monitoring:** Mocha, Jest, Cypress, K6, New Relic, Grafana, Lens
- **Project Management Tools:** Agile, Scrum, Wrike, JIRA (JQL), Confluence, PagerDuty
- **API Technologies:** Apollo Server, Apollo Federation, REST, GraphQL APIs
- **Other Tools:** LaunchDarkly (Feature Flags), Objection ORM, Prisma, TypeORM

Skills

- Software Development Lifecycle (SDLC)
- Agile Project Management & Scrum
- Team Leadership & Mentorship
- Communication & Collaboration
- Problem Solving & Critical Thinking
- Continuous Learning & Adaptability

- Microservices, Distributed Design Patterns
- Automated Testing
- UML, Database Design

Work Experience

Senior Software Engineer | Mastery Logistics Systems

Remote | January 2024 – September 2024

- Developed Mastermind TMS for Fortune 500 clients, integrating complex queries using MSSQL, Postgres, and MongoDB.
- Led a team of developers and facilitated Agile ceremonies, increasing team productivity by 15%.
- Optimized GraphQL queries, reducing application latency by 20%.
- Managed over 50 microservices using Apollo Federation, enhancing system scalability and reducing downtime by 10%.
- Automated New Relic dashboards via Terraform, resulting in a 30% increase in system monitoring efficiency.
- Spearheaded high-priority incident resolution (HPI), reducing incident resolution time by 25%.

Software Engineer | 4th Down Solutions

Remote | January 2021 – December 2023

- Developed and maintained a GraphQL API for Fortune 500 companies, optimizing data retrieval, improving system performance by 12%.
- Increased database efficiency by 8% through the use of data loaders and enhanced indexing strategies.
- Designed automated black-box, E2E & Unit testing workflows, reducing deployment errors by 18% and ensuring seamless functionality during client deployments.
- Led serverless implementation on AWS, decreasing infrastructure costs by 10% through optimal resource management.
- Collaborated with frontend and R&D teams, resulting in a 15% improvement in overall user experience.

Student Mentor | Woz-U

Remote | January 2018 – January 2021

- Mentored students in software development, guiding over 100 students in cutting-edge technologies like TypeScript, React, and Node.js.
- Facilitated coding workshops and career guidance sessions, helping students secure roles in software engineering positions.

Software Engineer | C&H Construction

Remote | January 2016 – January 2018

- Led a small team to revamp internal web applications, improving project efficiency by 20% with PHP and WordPress solutions.
- Optimized internal databases, reducing load times by 15% and increasing operational efficiency by 10%.
- Enhanced application usability and implemented user-friendly interfaces, reducing user support requests by 25%.

Software Engineer | Lipsey Logistics Worldwide

Chattanooga, TN | January 2014 – January 2016

- Migrated a legacy ColdFusion application to React, reducing system downtime by 15% and improving performance.
- Developed live dashboards for decision-making, reducing data retrieval times by 25%.
- Automated key processes, increasing efficiency in reporting by 20% using Visual Basic and MS Excel.

Software Engineer | Visiture

Atlanta, GA | January 2012 – January 2014

- Led software improvements for eCommerce clients, enhancing page load speeds by 10% and increasing conversion rates by 12%.
- Collaborated with cross-functional teams to implement PPC and SEO strategies, increasing brand visibility by 15%.

Software Engineer | UPS Corporate Headquarters

Sandy Springs, GA | January 2009 – January 2011

- Spearheaded the optimization of SQL queries and stored procedures, reducing database query times by 20%.
- Led the data normalization process, improving data accuracy and system performance by 12%.

- Collaborated with QA teams to ensure application stability, reducing post-deployment defects by 10%.

Education

Software Developer Certificate

Coder Camps / Woz U – Online

University of Alabama

Coursework in Computer Science & Business | 1 year completed

Dekalb Community College

Coursework in Computer Science | 1 year completed