

ROHAN CHOWDHURY

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🐙 github.com/rohancho

Technical Skills

Languages: Python, TypeScript, JavaScript, SQL, HTML5, CSS

Libraries/Frameworks: ReactJS, PostgreSQL, NextJS, NodeJS

Developer Tools: AWS, Postman, PowerBI, Git, Azure, Docker, Jira

Work Experience

Allstate Sales Group

Jan 2023 – Present

Software Engineer

Remote

- **Reduced access management time by 65%**, saving HR 15+ hours/week, by developing a centralized **HR portal** and admin console used by **500+ employees**
- **Cut data entry errors by 78%** and improved **form efficiency by 40%** by designing **30+ custom validation rules** and streamlining workflows
- **Eliminated manual data handling** and improved reliability by **integrating 12+ third-party APIs** across enterprise HR systems
- **Increased uptime from 97.3% → 99.8%**, reducing release issues by **85%**, through a **replica database** and automated **staging pipeline**
- **Boosted productivity tracking by 92.4%**, enabling real-time leadership insights, by building an **automated KPI dashboard** for **8+ departments**

Frontend Simplified

Jun 2022 – Nov 2022

Frontend Developer

Remote

- **Enabled 1,000+ students** to complete projects faster by teaching **responsive design, API requests, and debugging best practices**
- **Improved comprehension of advanced topics** (Promises, async JS) by creating clear live coding sessions and practical examples
- **Increased user engagement** by transforming a static React SPA into an **interactive interface** with animations, transitions, and carousels
- **Accelerated bug resolution** by applying **Chrome DevTools** and modern debugging workflows to fix UI and JavaScript issues
- **Enhanced collaboration and version control** by leveraging **Git and GitHub workflows**, reducing merge conflicts in team projects

Projects

[Project Name 1] | [Project Links]

[Tech Stack]

- [Project description and key accomplishments]
- [Technical implementation details and technologies used]

[Project Name 2] | [Project Links]

[Tech Stack]

- [Project description and key accomplishments]

Education

Virginia Commonwealth University

August 2020 – May 2022

B.S. of Computer Science

Richmond, Virginia

- Courses: Software Engineering Practice, Operating Systems, Computer Architecture, Model-Based Programming, Algorithms and Data Structures, Intro. to Software Engineering