

## EDUCATION

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### **Rutgers University**

B.S. Computer Science

**Sept 2022 - June 2026**

**Selected Coursework:** Data Structures and Algorithms, Calculus 1, Computer Architecture, Calculus 2, Discrete Structures

## TECHNICAL SKILLS

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- **Languages and Web Technologies:** Python, Java, C/C++, JavaScript, HTML, CSS, React, Node.js, Express, Bootstrap, Web Scraping, API Integration
- **Cloud and DevOps:** AWS (Lex, API Gateway, Lambda, DynamoDB, ElasticSearch), Azure (Pipelines, Artifacts, Repos), Terraform, Docker, Kubernetes, Jenkins, Ansible

## WORK EXPERIENCE

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### **BarberLytics, (*Tech Lead*)**

**July 2025 - Present**

- Co-founding AI-powered business intelligence platform that analyzes customer data, booking patterns, and revenue metrics to help barbershop owners optimize operations and increase profitability
- Architecting enterprise-grade system (Node.js, TypeScript, PostgreSQL) with secure multi-tenant architecture delivering predictive customer analytics
- Establishing strategic partnerships for integrations and go-to-market strategy

### **Freelance 404 Harmony, Full-Stack Developer,**

**August 2025**

- Collaborated with startup team to engineer enterprise-grade React/TypeScript application with Express.js backend, PostgreSQL database, and comprehensive admin CMS managing 15+ team profiles
- Built automated newsletter system with API integrations, type-safe endpoints, and performance-optimized architecture, achieving 70KB gzipped bundles

### **Freelance Web Developer, *Barbershop Client***

**July 2025**

- Developed custom booking management system with real-time appointment scheduling and automated SMS notifications
- Created admin dashboard with analytics tracking customer retention, peak hours, and revenue insights
- Optimized site performance, achieving 95+ PageSpeed score and implemented SEO best practices, increasing local search visibility by 40%

### **Neutrino Tech Systems, *DevOps Engineer***

**June 2024 - September 2024**

- Collaborated with the manager on an AWS-focused client project to understand requirements and deliverables, and ensuring successful project delivery.
- Developed and deployed CI/CD pipelines using Jenkins and GitLab, enhancing automation and efficiency in the development workflow.
- Engaged in comprehensive training on various DevOps tools and practices, including continuous integration, continuous deployment, containerization(Docker, Kubernetes), and orchestration(Terraform, Ansible).

## PERSONAL PROJECTS

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### **Professor Ratings Assistant Google Chrome Extension,**

**February 2024**

- Developed a Chrome extension to help Rutgers students choose professors more effectively by displaying ratings from Rate My Professors directly on the registration site.
- Integrated extension with Rate My Professors website to display ratings beside professor names on registration site, publicized on Rutgers subreddit with positive feedback and working toward open source release.

### **Dining Concierge Chatbot (AWS),**

**March 2024**

- Developed an AWS-driven Dining Concierge chatbot, providing personalized restaurant suggestions based on user preferences
- Integrated Amazon Lex, API Gateway, and Lambda functions for seamless user interactions.
- Utilized DynamoDB for efficient data storage and ElasticSearch for rapid retrieval.

### **Chess Game Analyzer,**

**July 2025**

- Built a comprehensive chess analysis platform with real-time Stockfish engine integration and AI-powered coaching using Mistral AI
- Integrated Stockfish evaluation API to categorize moves as brilliant, good, inaccuracy, mistake, or blunder with position analysis
- Achieved 60+ unique visitors with consistent engagement of 20+ new users bi-weekly through intuitive UX design
- Engineered responsive interface featuring PGN parsing, interactive chessboard, drag-and-drop functionality, and mobile optimization