SARAH JOHNSON

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PROFESSIONAL SUMMARY

Motivated Computer Science student with 3+ years of programming experience and strong analytical skills. Proficient in Java, Python, and web development technologies. Experienced in software development, data analysis, and project management. Seeking software engineer internship to apply technical skills and contribute to innovative projects.

EDUCATION

Bachelor of Science in Computer Science

Boston University, Boston, MA   Expected May 2025

GPA: 3.7/4.0 | Dean's List: Fall 2023, Spring 2024
Relevant Coursework: Data Structures, Algorithms, Database Systems, Software Engineering, Web Development, Machine Learning, Operating Systems, Computer Networks

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C++, SQL, HTML, CSS

Frameworks & Libraries: React, Node.js, Spring Boot, Flask, jQuery, Bootstrap

Databases: MySQL, PostgreSQL, MongoDB, SQLite

Tools & Technologies: Git, GitHub, Docker, AWS, Linux, Agile, Scrum

EXPERIENCE

Software Development Intern

June 2024 - August 2024

TechCorp Solutions, Boston, MA

- Developed and maintained web applications using React and Node.js, improving user experience for 500+ daily users
- Collaborated with senior developers to implement new features and fix bugs in production systems
- Participated in code reviews and followed Agile development methodologies
- Optimized database queries resulting in 25% improvement in application performance

Teaching Assistant - Data Structures

September 2023 - Present

Boston University, Computer Science Department

- Assist 150+ students with programming assignments and data structure concepts
- Hold weekly office hours and conduct review sessions before exams
- Grade assignments and provide constructive feedback to help students improve
- Collaborate with professors to develop course materials and programming exercises

Freelance Web Developer

January 2023 - May 2024

Self-Employed

- Built responsive websites for 5+ small businesses using HTML, CSS, JavaScript, and WordPress
- Managed client relationships and delivered projects on time and within budget
- Implemented SEO best practices resulting in 40% increase in organic traffic
- Provided ongoing maintenance and support for client websites

PROJECTS

E-Commerce Web Application

March 2024 - May 2024

- Developed full-stack e-commerce platform using React, Node.js, Express, and MongoDB
- Implemented user authentication, shopping cart, payment integration, and admin dashboard
- Deployed application on AWS with Docker containerization
- GitHub: github.com/sarahjohnson/ecommerce-app

Machine Learning Stock Predictor

September 2023 - December 2023

- Built stock price prediction model using Python, scikit-learn, and historical market data
- Achieved 78% accuracy in predicting stock price movements using LSTM neural networks
- Created data visualization dashboard using Matplotlib and Plotly
- Presented findings to class of 30+ students and received highest project grade

Campus Event Management System

February 2023 - April 2023

- Designed and developed event management system using Java Spring Boot and MySQL
- Implemented features for event creation, registration, notifications, and reporting
- Led team of 4 students using Agile methodology and Git version control
- System adopted by 3 student organizations with 200+ active users

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** - Amazon Web Services (2024)
- **Oracle Certified Associate, Java SE 8 Programmer** - Oracle (2023)
- **Google Analytics Certified** - Google (2023)

LEADERSHIP & ACTIVITIES

Vice President

September 2023 - Present

Computer Science Student Association

- Organize programming workshops and tech talks for 100+ members
- Coordinate career fair events and networking sessions with industry professionals

Volunteer

June 2022 - Present

Code for Boston

- Contribute to open-source projects that benefit local communities
- Mentored 10+ high school students in programming fundamentals

AWARDS & HONORS

- **Dean's List** - Boston University (Fall 2023, Spring 2024)
- **Outstanding Student in Computer Science** - Boston University (2024)
- **First Place** - University Hackathon, Best Mobile App (2023)
- **Merit Scholarship** - Boston University (2022-2025)