Arka Sahoo

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US Citizen | Open to relocation anywhere in the United States

EDUCATION

University of Nebraska at Omaha — August 2023 – Present
Bachelor of Science in Computer Science — *Omaha, NE*
- Concentration: Software Engineering | Expected Graduation: December 2027
- Relevant Courses: Intro to Computer Science 1, Intro to Computer Science 2, Object Oriented Programming, Intro to Information Systems, Modern Mainframe and COBOL, IT Ethics, Applied Statistics, Intro to Web Development, College Algebra, Applied Algebra, Trigonometry, Calculus 1

TECHNICAL SKILLS

Languages: Java, Python, COBOL, SQL, JavaScript, HTML/CSS, R
Technologies: Spring Boot, JUnit 5, React.js, Tailwind CSS
Developer Tools: Git, GitHub, IntelliJ IDEA, PyCharm, VS Code, Eclipse IDE, OpenCobolIDE, RStudio

EXPERIENCE

Fiserv Inc. — June 2025 – August 2025
Software Engineer Intern — *Omaha, NE*
- Contributed to redevelopment of a Banking Portal backend using Java and Spring Boot, collaborating with a team of 8 interns in an Agile environment
- Built backend components (data models, REST controllers) to support features like client document viewing as PDF and Zip file
- Assisted in testing and maintenance of production COBOL systems responsible for credit card transaction processing for major U.S. banks
- Gained cross-functional experience working on both modern Spring Boot applications and high-reliability COBOL systems used in large-scale financial operations

PROJECTS

Personal Website | *React.js, HTML, Tailwind CSS, JavaScript* — July 2025
- Developed a responsive and accessible personal website using React.js and Tailwind CSS, showcasing portfolio and professional information
- Implemented dynamic components and smooth navigation to enhance user experience and engagement
- Optimized website performance through code splitting and efficient asset management

Shipping Data Analytics | *COBOL* — April 2025
- Engineered a COBOL program to process shipping data and generate summary reports as flat files
- Designed record layouts for input and output files, structuring data for efficient read/write operations
- Delivered destination-wise annual summaries of package counts and total revenue in a formatted report
- Implemented logic to parse shipping records and transform raw data into actionable insights

Date Wizard | *Java Spring Boot, JUnit 5* — January 2025
- Engineered a Spring Boot REST API for date/time validation, format conversion, and Julian date computation
- Designed modular endpoints for leap year checks, day-of-week calculation, and flexible date comparisons
- Developed comprehensive unit and integration tests using JUnit5, ensuring accuracy across formats and time zones
- Delivered a modular architecture with clean separation between controllers, services, and utilities

Prepare | *JavaScript, Code.org App Lab* — April 2024
- Engineered a mental wellness app in JavaScript using Code.org App Lab, enabling users to receive personalized emotional support through an interactive, input-driven interface
- Designed features for stress-reduction tips, motivational content, and task-specific resources based on user input
- Led mental health-focused content development to deliver real-time, tailored wellness resources
- Collaborated in a 4-person team to create an accessible, user-centric tool for emotional preparedness

ADDITIONAL INFORMATION

Certifications: Work Smarter with Microsoft Excel, Work Smarter with Microsoft PowerPoint
Interests: Chess, Cooking, Traveling, Hiking, Badminton, Photography