

# Maanasa Narayan

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## EDUCATION

**Northeastern University**, Boston, MA Expected May 2023  
Master of Science (MS), Computer Science GPA: 3.945  
Related courses: Programming Design Paradigm in Java, Algorithms, Mobile App Dev, DBMS, Web Dev

**K. S. Institute of Technology**, Bangalore, India June 2018  
Bachelor of Engineering (BE), Computer Science Aggregate: 85%  
Related courses: Object oriented programming with Java, Web development, Data Structures

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript (JS), R, TypeScript (TS)  
**Web Technologies:** HTML, CSS, Bootstrap, jQuery, JSON, React.js, Node.js, Express.js  
**Databases:** SQL, MongoDB, RDBMS, NoSQL  
**Tools:** IntelliJ, Visual Studio Code, Eclipse, PyCharm, Anaconda, PostMan, SoapUI  
**Other Technologies:** Junit, Jest, Java Swing, JIRA, Git, Docker, AWS Lambda, AWS API Gateway, AWS S3

## WORK EXPERIENCE

**Amazon**, Seattle WA Sep 2022 – Dec 2022  
Software Development Engineer Intern

- Developed "Bug Bash", an automation tool leveraged by Amazon's Choice Engineers to easily test the AC badging on Amazon.com when changes are deployed, saving 8+ hours of engineering time per Bug Bash
- Utilized web technologies such as NodeJS, ReactJS, Puppeteer, and cloud technologies including AWS Lambda, S3, and API Gateway to build an end-to-end application with a user-friendly UI
- Collaborated with stakeholders to gather requirements, design, and create an efficient tool within the 12-week timeline

**Nokia**, Raleigh NC May 2022 - August 2022  
Application Developer Coop

- Created the Application logic for Nokia's BST solution in ServiceNow for collecting, managing, and reporting the Global Business Services by implementing JavaScript code libraries
- Redesigned and modernized a Java based central data aggregation and integration platform called ESB

**Adobe Systems**, Bangalore Nov 2018 - August 2021  
Associate Technical Consultant

- Advised efficient technical strategies to improve digital marketing solutions of multi-national clients; accelerated performance of client websites to boost revenue by 10%, leveraging Adobe Target and Adobe Analytics
- Devised and built alternative webpages in HTML5 and CSS3; integrated alternate designs to client's website employing JavaScript through the Adobe Target tool
- Liaised with multiple teams efficiently, bridging the gap between client and development teams; handled 10+ clients at a time delivering quality work

## ACADEMIC PROJECTS

**NeuStockTrade – A Full-stack Web App**, Northeastern University Nov 2022 – Dec 2022

- Collaborated and worked with a team of 4 to design and develop a Stock trading website using MERN stack
- Utilized React application state and reducers to build a customized front-end based on user role; used finance market data from a remote API in addition to the app specific data from local database for building a realistic website

**BeatBeat - An Android App**, Northeastern University January 2022 - April 2022

- Devised and developed an innovative app, BeatBeat, to learn and enjoy musical rhythms using Java and Android Studio; designed a user-friendly and an interactive UI to keep the users engaged

**Interactive Adventure Game using Java**, Northeastern University Nov 2021 - Dec 2021

- Designed and constructed an adventure game using Java, following the Object-Oriented design principles, MVC architecture, and Design Patterns; developed a GUI using Java Swing for improved gameplay experience
- Wrote exhaustive test plans for the application and implemented it through 100+ JUnit test cases