AMRITA DUBEY

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EDUCATION

Northeastern University, San Jose, CA   *expected Dec 2024*

Master of Science in Information Systems, **GPA: 4.0**

KIIT University, Bhubaneswar, India   June *2014*

Bachelor of Engineering in Electronics & Telecommunication, **85%**

SKILLS

Programming Languages	JavaScript, TypeScript, Java, Python, C++
Web Technologies	NodeJS, ReactJS, HTML5, CSS/CSS3, LESS, Bootstrap, AngularJS, jQuery, ES6, JSP, Redux, Babel, Webpack, NPM, AJAX, MVC, Analytics tool, Cookies, Local Storage, Accessibility (a11y), Jest, XML, JSON, CORS, YAML, Mocha, Karma, REST, GaphQL, AWS, Shell Scripting, Linux
Tools & IDs	SVN, GIT, Bitbucket, VS Code, Figma, Tomcat, JIRA, Maven, Jenkins, Confluence, Postman, Eclipse, IntelliJ, MySQL

PROFESSIONAL EXPERIENCE

JP Morgan & Chase, Bengaluru, India   *Dec 2020-Jan 2023*

Associate (Senior Software Developer)

- Spearheaded the deconstruction of a monolithic application, transforming it into a micro-frontend architecture, leading to remarkable improvements in scalability, flexibility, and maintainability
- Designed and implemented UI in latest ReactJS-based proprietary framework to improve sign-in security by offering flexible options for setting up additional security layers on trusted devices resulting in a 60% reduction in fraud incidents
- Developed, improved, and managed in-house development tools, leveraging Node.js and shell scripting to automate build, testing, and deployment procedures
- Demonstrated proficiency in promptly resolving production issues by efficiently debugging and identifying root causes
- Built a new feature using JavaScript, LESS and ReactJS to enable device recognition which reduced the user login time by 80%
- Accelerated multiple feature delivery through efficient effort estimation, code reviews, cross-functional collaboration, and impactful demos
- Developed UI widgets for the respective assigned areas for web and mobile chase portal which enhanced user experience

Deloitte, Bengaluru, India   *July 2018-Dec 2020*

Consultant (Software Developer)

- Built multiple B2B and B2C e-commerce websites using technologies including ReactJS, NodeJS, JEST, HTML, LESS, TypeScript, JavaScript
- Created responsive screens for product filters, cart, and payment using VueJS to create over 750K orders across platforms
- Achieved ADA compliance by following best practices and conducting comprehensive accessibility (a11y) testing using NVDA, Wave, and Axe which ensured inclusivity
- Crafted admin dashboard for data visualization using ReactJS, Redux, Material UI, and LESS. Also incorporated data analytics and charting libraries to produce visually compelling graphs and charts that enabled stakeholders to make data-driven decisions

Infosys, Bengaluru, India   *Feb 2015-June 2018*

Senior System Engineer/Software Engineer

- Collaborated with business analysts and clients to gather and assess project requirements, resulting in creation of comprehensive and effective prototype and documentation for return module of GST portal
- Developed UI for return module of GST portal following MVC and mobile first approach and utilizing AngularJS, HTML, SASS, JavaScript and Java, which unified all taxes benefitting all the business and commerce including industries, government, and citizens of India
- Designed feature for bulk upload and batch processing of purchase invoices using AngularJS and NodeJS, reducing filing time by 80%
- Implemented filing process on dashboard and integrated with API, enabling efficient filing for invoices uploaded offline. Resulted in 40% increase in filing and reduced server overhead during close due dates
- Demonstrated proactive problem-solving skills by promptly debugging production and UAT issues and effectively leading them to resolution within the specified downtime

ACADEMIC PROJECTS

Digit Recognizer (Java, NumPy, JavaFX, TensorFlow, MNIST, Maven)   April 2023

- Designed and built scalable Digit Recognizer application using JavaFX that provides an intuitive graphical user interface enabling users to draw digits using either touch screen or a mouse.
- Trained sequential and CNN model with an extensive dataset of handwritten numerical digits (MNIST dataset).
- Integrated the model within Java application using TensorFlow java library.

Web Development Projects (NodeJS, ReactJS, ExpressJS, Webpack, babel, REST, Authentication, HTML, CSS, JavaScript)   September 2023

- Designed and developed various web applications including client side and server-side rendering such as Chat Application, Word Guessing Game, Ecommerce website and a website for dogs and cats enthusiasts
- Emphasized best practices, responsive and adaptive design, mobile first approach and accessibility (a11y)
- Created web services using NodeJS, express and performed authentication utilizing UUID, cookie-parser.
- Built SPA using JavaScript utilizing state-based rendering to understand how React works under the hood and then shifted to ReactJS to build applications.