

Choladevi Gheereddy

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Education

Illinois Institute of Technology at Chicago

Aug 2023 – May 2025

Master's in computer science

Coursework: Machine Learning, NLP, Big Data Technologies, Advanced Database Organization, Software Project Management

Jawaharlal Nehru Technological University

Aug 2012 – Apr 2016

Bachelor's in computer science

Coursework: Data Structures & Algorithms, Object Oriented Programming, Web Application Development, Database Management

Skills

Programming Languages: JavaScript, Python, TypeScript, SQL, Java (basics), Object Oriented Programming, OOPS.

Frameworks & Libraries: React JS (Hooks, Router, Context API), Angular, Next.js, Redux, Node.js, Express.js, GraphQL, RESTful APIs, HTML, HTML5, CSS, CSS3, Material UI, Tailwind CSS, D3, webpack, Jest, Cypress.

Database Technologies: MySQL, MongoDB, PostgreSQL, Elasticsearch.

Cloud Services: Amazon Web Services (AWS), Azure, Google Cloud Services.

Tools: GIT, GitHub, Bitbucket, CI/CD, Jenkins, VS Code, Visual Studio, Jupyter lab, Tableau, Power BI, Postman, JIRA, Agile models, Confluence, SharePoint, Microsoft suite.

Work Experience

GREY PARROT SYSTEMS (CLIENT: BELLETIRE)

JUN 2024 – AUG 2024

Software Developer – Intern

Chicago, IL

- Enhanced front-end web applications using React.js, Redux, and Next.js, resolving over 15+ critical and high-priority bugs and defects, achieving 100% on-time delivery to production.
- Upgraded legacy front-end application built with older versions of ReactJS, NodeJS, NextJS, GraphQL, and Express, resolved 15+ challenges during package and library upgrades and enhancing system performance and loading time by 30%.
- Spearheaded 3 production deployments within an Agile workflow, maintaining zero downtime during releases.

ACCENTURE

FEB 2020 – JUL 2023

Senior Application Developer

Hyderabad, India

- Developed scalable Node.js APIs for Accenture Video Services, incorporating OAuth, subscriptions, payments, profile management, and playback features.
- Engineered transition to nano-modular architecture from monolithic systems, improving scalability by 50%.
- Designed and developed a Test Automation framework using NodeJS, reducing testing time by 60%.
- Utilized Jenkins and OpenShift for CI/CD deployments, decreasing deployment time by 40%.
- Performed security assessments and integrated SonarQube and OWASP standards, addressing 90% of vulnerabilities.
- Curated and authored 50+ API technical documents, ensuring on-time Agile sprint delivery.

INFOSYS

NOV 2019 – FEB 2020

Associate Consultant

Hyderabad, India

- Worked on a lending front end application for Mainstream Capital Bank improving credit score calculations with 81% accuracy using ReactJS, React hooks, Redux.
- Enhanced user forms and integrated CRUD operations using formik, MaterialUI, reducing manual processing time by 60%.
- Utilized ReactJS features like hooks, React Router, and React.memo to improve performance, streamline navigation for SPAs, and reduce unnecessary re-renders.

IBM

JUL 2017 – OCT 2019

Associate Systems Engineer

Bangalore, India

- Designed and developed an invoice automation platform using Angular, Node.js, and Blockchain, achieving a 35% reduction in processing time.
- Conducted blockchain technology assessments through proof-of-concept for ICICI Bank, reducing supply chain discrepancies by 25%.
- Engineered integration between front-end and back-end systems, increasing operational efficiency by 30%.

Certifications & Achievements

AWS Certified Solutions Architect – Associate | | [Certificate](#) | Star Performer Medal @IBM | Eminence & Excellence Award @IBM | Skills Star Award @Accenture | Client Value Creation Award @Accenture