

# THARUN CHALLA

+91-9100807049 | challatharun31@gmail.com | linkedin.com/in/tharun-challa-a59739248 | Portfolio

## Professional Summary

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MERN Stack Developer with 1.9+ years of experience in building and maintaining web applications using MongoDB, Express.js, React, and Node.js. Proficient in creating responsive user interfaces and efficient backend services. Committed to writing clean code and continuously improving my development skills. Dedicated to delivering high-quality, secure and responsive user experiences even under tight deadlines.

## Technical Skills

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**Frontend:** React.js, JavaScript, TypeScript, HTML 5, CSS3, Handlebars.js, Bootstrap, Tailwind CSS

**Backend:** Node.js, Express.js, Python

**Databases:** MySQL, MongoDB

**Tools:** Visual Studio Code, Git, GitHub, Bitbucket

**UI/UX:** Responsive Design, Cross-Browser Compatibility

## Professional Experience

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### Associate Product Engineer

Crediwatch - Feb 2024 to Present

#### Crediwatch App Website (ReactJS, CSS, Bootstrap, Redux)

- Implemented lazy loading of React components and advanced code-splitting strategies, significantly reducing initial load times and enhancing user interaction performance.
- Enhanced state management using Redux Toolkit Query, simplifying asynchronous logic and reducing redundant code.
- Optimized caching strategies and asset delivery, improving responsiveness while reducing unnecessary network requests.
- Established and maintained a scalable folder structure following best practices, improving code organization and team productivity.
- Developed Reusable React Components With a modular design, reducing code duplication and ensuring consistency across multiple application features.

#### Crediwatch Report Mailers Generation (Handlebars.js, Node.js, Express.js, MongoDB)

- Developed dynamic and reusable email templates using Handlebars.js, automating the mailer system with cron jobs for timely and efficient email dispatch.
- Retrieved data from AWS S3 buckets and generated comprehensive reports in PDF, Excel, and CSV formats, ensuring accessible and versatile data presentation.
- Integrated MongoDB aggregation pipelines to fetch and transform complex data structures, enabling personalized and data-driven email content

## Education

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### Bachelor of Technology in Electronics and Communication Engineering

CGPA: 7.78

*Yogi Vemana University*

Jul 2019 – May 2023