

# PRAJU KUMAR YADAV PATNAM

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## PROFESSIONAL SUMMARY

Skilled Software Developer with 4+ years of experience in designing, developing, and optimizing mobile applications for iOS and Android platforms. Expertise in React Native, JavaScript, and Redux, with a focus on enhancing application performance, reducing latency, and improving user experience. Strong background in integrating third-party libraries, handling real-time API data, and utilizing version control tools like Git and Bitbucket. Proven ability to deliver robust, high-quality applications in agile environments through collaboration with cross-functional teams.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, HTML5, CSS, Tailwind CSS, JSON,

**XML Frameworks & Libraries:** React Native, React.js, Redux, Node.js, Express.js, Drupal, WordPress, Dynamic Yield

**State Management:** Redux, Redux-Saga, Context API, Redux Thunk

**Databases:** MySQL, MongoDB, Firebase, Supabase

**Testing & Monitoring:** Jest, Firebase Crashlytics

**CI/CD & DevOps:** GitHub Actions, Bitrise, GitLab CI/CD, Fastlane

**Cloud Technologies:** AWS (S3, EC2, Cognito, Cloud Functions)

**Version Control & Collaboration:** Git, GitHub, Bitbucket, SourceTree, JIRA, Confluence

**Development Tools:** VS Code, Xcode, Android Studio, Postman, Figma, Zeplin, SonarQube, Eclipse

## WORK EXPERIENCE

**Sr. Software Engineer, Tru Equations Pvt Ltd, India.**

**2023 March– 2023 July**

- Managed **full cycle development** for app features with emphasis on designing user interfaces, implementing interactive functionalities, and ensuring real-time data connectivity via **RESTful APIs**.
- Designed interactive static UI components and executed **dynamic functionalities** for complex systems. Developed comprehensive testing strategy with cross-functional teams to achieve **95% code coverage**. Employed mocked behaviors in testing for seamless performance across various use cases. Utilized **Firebase Console** for real-time monitoring and proactive issue resolution using **Crashlytics**.
- Streamlined API interactions by reducing latency through advanced **state management** techniques.
- Developed push notifications, authentication, and profile management, boosting user engagement and improving API efficiency by 30%.
- Implemented **geolocation-based** services with real-time user location tracking for enhanced contextual experiences.
- Utilized Redux for efficient state management in React applications, **integrating Axios for streamlined API calls**, which improved data flow and maintainability.

- Deployed hotfixes via Code Push to maintain uninterrupted application performance until full-scale releases. Maintained **CI/CD pipelines** with comprehensive documentation.
- Performed extensive requirement analysis to design, implement, and launch impactful application features within **Agile sprints**.
- Refactored key components for improved efficiency and maintainability.

### **Software Engineer, Capgemini India Pvt Ltd, India**

**2021 March– 2023 Feb**

- Achieved optimal test coverage by engineering comprehensive unit tests using **Jest**.
- Developed various user story features for the e-commerce app using React Native and Redux architecture, effectively managing complex user flows and large datasets. This approach aligns with best practices for handling large data in React applications.
- Implemented **Firestore Crashlytics** to proactively resolve bugs, ensuring consistent functionality across platforms. and handled marketing tool-triggered events in Firebase and Expona by tracking user navigation.
- Integrated **secure third-party payment solutions** such as **Tabby and PostPay** to streamline transaction processes.
- Designed a streamlined checkout flow by automating card data entry through integration of a **React Native scanning module**.
- Developed and implemented **Algolia-powered APIs** to enhance search capabilities.
- Ensured efficient management of **Drupal** server administration by handling deployment, migration, and incorporation of web content within the mobile ecosystem.
- Optimized **navigation and routing** by implementing **React Router**, improving navigation efficiency, and reducing page load times by 25%.
- Implemented user event **tracking and analytics** for monitoring customer interactions.
- Contributed to successful **project planning, sprint execution, and resource distribution** with **accurate estimates**.
- Optimized development speed with Bitrise-based CI/CD pipelines and GitLab integration, ensuring robust test coverage with Jest.
- Collaborated on UI/UX and functional code development for multiple brands, **Victoria Secret** and **Boots**, translating user stories into engaging and functional application features.

### **Software Intern, CV Corp, India**

**2019 May – 2021 Feb**

- Designed and developed responsive web pages using HTML, CSS, and JavaScript, enhancing user engagement and accessibility.
- Executed complex SQL queries to manage, retrieve data, optimize database performance and ensure data integrity.
- Demonstrated strong command of C, Core Java and Python.

## **EDUCATION**

**Auburn University at Montgomery, Alabama**  
**Master of Science in Computer Science.**

**2023 Aug – 2025 May**

**Guru Nanak Institutions of Technical Campus, Hyderabad, India**  
**Electronics and Communication Engineering.**

**2016 Aug – 2020 Sep**