

# Jai Singh

Noida, UP, 201301 · +91 9639505117 · rajput.jai110@gmail.com · [linkedin.com/in/jai-singh-2207781ba/](https://www.linkedin.com/in/jai-singh-2207781ba/)

## Skills

---

React.js, Angular, Node.js, React Native, Ionic, Redux, RxJs, Express.js, jQuery, Javascript, Typescript, Python, AWS, MySQL, Firebase, CI/CD, Unit Testing, HTML, CSS, OOPS

---

## EXPERIENCE

FEB 2022-Present **IOANYT INNOVATIONS**

Noida, India

### *Software Engineer*

- **Developed and optimized cross-platform applications** for web, Android & iOS using modern frameworks like Angular, Angular-Ionic, React.js, and React Native, delivering projects that served over **50,000+ active users** across diverse industries.
  - Achieved a **30% reduction in page load times** by implementing code optimization techniques, including lazy loading, image compression, and efficient API integration, leading to a noticeable improvement in user engagement.
  - **Mentored 2 junior developers** by conducting 20+ code reviews per month, ensuring consistent adherence to industry best practices, resulting in a 25% improvement in code quality and team efficiency.
  - Led **end-to-end development pipelines** for mission-critical projects, reducing deployment times by 30% through CI/CD pipeline optimization using GitHub Actions.
  - Designed and applied **automated testing processes** using Jest, increasing code reliability and reducing production bugs by 20%.
  - Regularly collaborated with **overseas clients** in Europe and Africa, adapting to timezone challenges and delivering solutions tailored to their unique business needs.
- 

## PROJECTS

- **iYurek: AI-Powered Market Analysis Tool**  
**Tools:-** React Native, Expo, WebSocket, Expo Apple-Authentication, Lightweight-Charts, i18n, IAP, Stripe
    - Designed and developed a cross-platform trading application using React Native Expo and TypeScript, enabling traders to analyze historical data through interactive charts and textual summaries.
    - Introduced advanced features including stock chart highlighting, watchlist management, and currency strength analysis, enhancing user decision-making capabilities and overall trading experience.
  - **The Heartbeat: AI/ML-Powered call analytics Solution**  
**Tools:-** React.js, React Redux, Redux Toolkit, Jest
    - Spearheaded front-end development efforts for Heartbeat, a SaaS product, employing cutting-edge technologies to deliver a user-centric interface for enhanced usability, leading to a 30% improvement in customer satisfaction ratings.
  - **Talally: Hiring Consultancy Firm**  
**Tools:-** Angular, Open Vidu, RecordRTC.js, AWS, pdfjs, Cognito
    - Enhanced all three modules of the web application—Candidate Platform, Admin Platform, and Video Platform (Virtual Interview Platform)—by improving user experience and boosting application speed by 40%.
    - Optimized video conferencing, video recording, and PDF generation performance by 50% while introducing new admin functions for streamlined management and greater control over the dashboard view.
  - **CarVer: Motor Insurance App for Zambia**  
**Tools:-** Angular, Ionic, Cordova, Material, AWS-SDK, Cognito, DynamoDB, **Zambian Payment Gateway Integration**
    - Led the development of a motor insurance application for Zambia, offering essential services like motor insurance, road tax payments, and compliance reporting while integrating Zambian payment gateways for seamless fee transactions.
    - Implemented the Zambian RTO's RTSA API and ZIDB to enable real-time retrieval of motor vehicle details, ensuring accurate and efficient processing for users.
  - **Greenlux: Intelligent Lightning & Energy Solutions**  
**Tools:-** Angular, Material, amcharts, fabric.js, canvas, Firebase, **Firebase Notifications**
    - Collaborated with an overseas client to develop web and mobile applications for managing lighting systems using IoT devices and sensors, delivering a user-friendly interface for seamless interaction and control.
    - Created a floor map using fabric.js and canvas to visually locate devices and display data such as temperature, humidity, and pressure, while designing styling that adjusts based on the accessing URL.
- 

## EDUCATION

JULY 2021 **Govt. Polytechnic, Baheri, Bareilly**  
Diploma in Computer Science and Engineering