

# SAURABH MANOJ RAI

📍 Harrison, NJ 📞 860-262-8419 ✉️ smr9@njit.edu 🔗 LinkedIn 🌐 Portfolio

## TECHNICAL SKILLS

**Languages/DataBase:** Java, Python, PHP, HTML5, CSS3, JavaScript, RestFul API, MySQL, PostgreSQL,  
**Frameworks:** ReactJs, Spring Boot, Laravel, Gradle, NextJs, Nginx, NLTK, React Native, Flask  
**Cloud Technologies:** AWS - EC2, S3, SQS, DDB, OGIS, AGQL Lambda, CloudFormation, SNS, IAM, KMS, Kubernetes  
**Software:** Git, GitHub, Maven, Jenkins, Unix, JIRA, CI/CD, Docker, Visual Studio Code, SDLC  
**Management Skills:** Problem Solving, Stakeholder Management, Conflict Resolution, Critical Thinking, Agile Methodologies

## WORK EXPERIENCE

### 23hourbids

*Software Engineer - Full Time*

**Feb 2024 – Present**

*California, United States*

- **Website Development:** Spearheaded the full lifecycle of website development using the **ReactJs and Java Spring Boot** Framework, integrating RESTful APIs to enhance user experience by 40% through targeted performance optimizations and responsive design
- **CI/CD Management:** Streamlined continuous integration and deployment processes, boosting website efficiency by 40%
- **Feature Implementation:** Delivered 5+ new features in one-month, elevating site functionality and user engagement by 25%.
- **Hosting & Maintenance:** Managed hosting and maintenance, achieving 99.9% uptime. Strengthened security by implementing advanced protocols, reducing vulnerability risks by 50%

### Tata Consultancy Services

*Software Engineer - Full Time*

**Aug 2020 - Jul 2022**

*Mumbai, India*

- **Backend Development:** Co-developed a customer service website for CIBC Bank, leveraging **Java Spring Boot, and ReactJs**. Integrated AWS services like EC2, Lambda, and S3 for scalable processing and efficient data storage
- **Cloud Migration:** Led the migration of customer data to the cloud using **AWS CloudFormation and RDS**, significantly improving operational efficiency and reducing server response times
- **Feature Enhancement:** Implemented serverless computing frameworks, achieving a 50% increase in site performance
- **Agile Delivery:** Reduced delivery time by 25% by adopting agile methodologies, CI/CD practices, & automated testing in AWS environments

### Tata Consultancy Services

*Software Engineer Intern - Internship*

**Jun – Aug 2019**

*Mumbai, India*

- **Mobile App Development:** Co-developed a cross-platform mobile application using **React Native**, ensuring seamless performance across
- **Database Optimization:** Optimized MongoDB for efficient data management and retrieval within the mobile application
- **Chatbot Implementation:** Integrated a highly effective chatbot, achieving an accuracy rate of 85%.
- **Web Services Deployment:** Led implementation of essential web services, completing mobile application within a tight 10-business-day deadline

### ATS Infotech Solutions

*Software Engineer Intern - Internship*

**Jun – Aug 2019**

*Mumbai, India*

- **E-commerce Optimization:** Enhanced user-product matching algorithms, increasing sales by 16%. Automated business processes, driving revenue growth from INR 5 Cr to INR 8 Cr
- **User Engagement:** Boosted customer interaction by 20% through innovative engagement strategies on the platform
- **App Development:** Designed and developed a Payroll App using Figma, streamlining business operations

## EDUCATION

### New Jersey Institute of Technology

*Master of Science in Computer Science, GPA: 3.7/4*

**Aug 2022 – May 2024**

*Newark, NJ*

### University of Mumbai

*Bachelor of Engineering in Information Technology, GPA: 8.41/10*

**Aug 2016 – Oct 2020**

*Mumbai, India*

## ACADEMIC PROJECTS & RESEARCH PAPER

### Automatic text summarization and keyword extraction using NLP (Research Paper) | IEEE Xplore

**Aug 2020**

- The proposed system helps its users to reduce their surfing time and gives a summary prepared from multiple website links & documents or extracts keywords from a particular website or a document

### Summarize it! | ReactJs, Spring Boot, HTML5, CSS3, JavaScript, MySQL, NLTK, SPacy

**Sep 2019 - May 2020**

- Produced a model that extracted data from multiple websites and providing a summary as well as keyword extraction from those websites using text rank algorithm **which has an accuracy of 98%** ([View Project](#))

### E-Commere | ReactJs, Spring Boot, HTML5, CSS3, JavaScript, PostgreSQL, MS Project

**May 2023**

- Established a robust C2C watch resale platform, integrating user feedback to refine functionalities; led to enhanced seller satisfaction and engagement metrics, ultimately solidifying the platform's position in the competitive market landscape ([View Project](#))