Raj Mahendrabhai Patel

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Associate Software Engineer @Yubi | Ex Tech Lead @ZeroToZee | College Gold Medalist | Knight @LeetCode

ACADEMIC PROFILE

Degree	Institute	%/CGPA	Year
B.E. (Information Technology)	L.D. College of Engineering, Ahmedabad	9.54 CGPA	2024
Class XII (Science)	Ved International School, Gandhinagar	83.54%	2020
Class X	R.D.S.H. School, Mansa	89.34%	2018

PROFESSIONAL EXPERIENCE

Accumn – A Yubi Company — Full-Time | Ahmedabad

Roles Held	Associate Software Engineer	Jun' 24 – Present
	Software Engineer Intern	Mar' 24 – May' 24

Contributions
- Built **10+ scalable crawlers** and systems in **Core Java, JPA, Kafka & AWS**; **optimized pipelines** and automated data flows.
- Developed, maintained & enhanced **20+ Core Projects** with deep **monitoring, alerting, recovery logic** and **SLA adherence**.
- **Re-architected** complex backend flows to ensure **high availability, modularity, fault tolerance**, and long-term maintainability.
- Took full ownership of **testing, CI/CD pipelines, monitoring**, and AWS infra provisioning for crawlers, APIs, & data pipelines.
- Collaborated closely with **product** and **support teams**, resolved over **200+ tickets**, mentored teammates, and led detailed **KTs.**

Achievements
- Rated **Outstanding** in Year 1 at Yubi - **top 5% performance** tier; recognized for consistent delivery and **leadership** mindset.
- Solved **decade-old** corrupt document issue using custom pdf checker; **improved reliability** & **reduced** support queries **by 80%.**
- Seamlessly migrated **5+ production-grade services** from AWS Oregon to Mumbai with **zero downtime**, rollback, or data loss.
- Delivered **OTP-based payment system** end-to-end in just 2 days**, unblocking a critical business flow** stuck for over 2 months.
- Boosted **server uptime** and fault recovery with **automated health checks** and alerting for **15+ crawlers** across environments.
- Led **re-architecture of Workorder system** across **9 interlinked modules**, enabling hybrid architecture for **future scalability**.
- Recognized for strong **problem-solving ownership**, **peer mentoring**, and consistently **unblocking** critical team dependencies.

ZeroToZee — Internship | Remote

Roles Held	Technical Lead	Aug' 23 – Jun' 24
	Software Developer	Feb' 23 – Jul' 23

Contributions
- Developed and managed **3 core products - Prime Sender, Pro Sender, and Mobbana**, including extensions and websites.
- Delivered **100+ features** in Prime Sender, ensuring **high-quality** execution and **timely delivery** across multiple releases.
- Led development of core modules like **login system**, **multi-account payments**, and **config-based dynamic data updates**.
- Enhanced personalization in Prime Sender with a **Translate feature** supporting **54+ languages**, improving global adoption.
- Integrated **Google Analytics** across all products to monitor **KPIs**, analyze user behavior, and drive **data-informed decisions**.
- **Onboarded** new developers through structured **KT sessions** on clean code practices, **product architecture** and team culture.
- Spearheaded end-to-end development of **Mobbana**, a Google Meet extension, **handling architecture** and **team leadership**.

Achievements
- Achieved **5x user base growth** (20K to 100K) for Prime Sender by consistently delivering **impactful**, **user-driven features**.
- Achieved **14x user base growth** (5K to 70K) in Pro Sender by **strategically** upgrading **key features** from Prime Sender.
- **Boosted** development velocity **by 50%** while **managing a 4-member team** and leading execution through **agile planning**.
- Interacted with **100+ clients globally** enhancing **feedback loops** and ensuring seamless **onboarding** and technical support.
- Raised Prime Sender's rating to **4.7/5** and Pro Sender's to **4.8/5** - ranking among **top-rated WhatsApp Chrome Extensions**.
- Strengthened **code security by 80%** via obfuscation techniques, **reducing reverse-engineering risk** and **code duplication**.

PROJECTS

SuperSnake – An Interactive Browser Game · Play Now — 2023

Project Details
- Developed a responsive **mouse-controlled** snake game using **geometric path calculation** logic and **fluid animation** techniques.
- Integrated **advanced collision detection** and **object tracking** to balance increasing difficulty with **consistent gameplay** flow.
- Designed an **immersive** arcade experience with **dynamic rendering**, frame updates, and **real-time audio feedback** triggers.

SKILLS

Programming Languages	Java (Proficient), C, C++ (Intermediate)
Backend Development	Java (Core), SQL, JDBC, JPA, Kafka, HtmlUnit (Web Crawling), RESTful APIs
Web Development	HTML, CSS, JS, jQuery, Bootstrap, React, Web-Extension
Databases	MariaDB, MongoDB
AWS	EC2, S3, Lambda, DynamoDB, RDS, SQS, SES
Tools & Platforms	Git, Github, VS Code, IntelliJ, Postman, Netlify, Google Analytics, Figma, Canva
Soft Skills	Leadership, Problem-Solving, Teamwork, Creativity, Attention to Details, Adaptability

AWARDS AND ACHIEVEMENTS

Certifications	Completed **freeCodeCamp's 300-hour** Developer Certification in **JavaScript Algorithms & Data Structures.**	2022
Academic	**2x Gold Medalist** in college with highest CGPA; awarded by **GTU & Dewang Mehta Trust** in 3rd & 4th year.	2024
	Achieved **1st rank** in **Higher Secondary Board Exams** at Ved International School, Gandhinagar.	2020
	Achieved **1st rank** in **Senior Secondary Board Exams** at R.D.S.H School, Mansa.	2018
Coding	**LeetCode**: Earned **Knight** badge with peak rating of **1863**; placed in **top 5% global coders** on LeetCode.	2024
	Codechef: Achieved **4★ rating** with peak of **1937**; consistently among **top 7 coders in college**.	2023
	Codeforces: Achieved **Specialist** status with max rating of **1442**; ranked among **top 20 coders in college.**	2023
	Google Kickstart: Secured Global **Rank 1144** in Round H among **20K+ international participants**.	2022