Ronit Bhatia

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EDUCATION

University of Florida   Gainesville, FL
Masters in Computer Science   *August 2023 – Present*

Vivekanand Education Society's Institute of Technology   Mumbai, India
BE in Information Technology   *August 2016 – November 2020*

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, HTML/CSS, Sass, C#, Python, React, React Native, .NET, NodeJS, SQL, Cypress, Jest, Xunit
Tools: Webpack, Git, Docker, RabbitMQ, ElasticSearch
Databases: MySQL, MongoDB
Architectures: Monoliths, Microservices
Communication Protocols: REST APIs, GraphQL, gRPC

EXPERIENCE (SELECTED)

CarTrade Tech   Mumbai, India
Worked as a full-stack developer in 3 unique teams over 2.5 years. Worked on **8 different .NET-based microservices**, and a **React front-end, .NET server based monorepo of 2 different applications using 10 shared packages**. Built, modified & used REST APIs to get and set data.

Software Development Engineer II   October 2022 - July 2023
- Spearheaded a team composed of new and experienced engineers to develop and deploy a vehicle booking system, aiding the new engineers' **skill development** and **smooth integration**.
- Achieved go-live on a tight time-frame of 1 month. This helped take the project live in time for the festive season.
- Within 3 Quarters of go-live, by implementing **potential lead WhatsApp flow** contributing to **40%** of all the bookings, and **improving SEO**, achieved:
  * Increased page landings by **4x**, leads generated by **8x**.
  * Improved conversion rate from **9%** to **17%**, total bookings by **5x**.
- Being responsible for **managing the team's backlog, sprints and functioning**, ensured project completion **3 days early on an average**, and smooth sprint velocities.

Software Development Engineer I   October 2021 - September 2022
- Conserved database calls by **40%** and prevented DB timeouts through a **complete transformation of caching structure.**
- Developed a WhatsApp module to **enable instant and delayed notification sharing** with customers.
- Built a car comparison tool - https://www.carwale.com/compare-cars, helping rake in about **10k leads monthly**.

Associate Software Development Engineer   November 2020 - September 2021
- Integrated CarTrade's bank-interfacing APIs with carwale.com to enable users to check soft & hard loan eligibility for interested customers, creating a new faucet for generating leads - Approx **40k per month**.
- Planned & constructed a new EMI Calculator page for carwale.com, which added **20k leads per month**.
- Improved client side and microservice side unit test coverage, from **20%** to **85%**.
- Effectively **refactored and documented about 20k lines of code** into smaller, more manageable React components.

PROJECTS

Fitnet | *React Native, FastifyJS, GraphQL, MongoDB*   June 2022 – Present
- Currently working on a social network centered around fitness.
- The vision is to be a one-stop shop fitness application implemented in React Native to find courts of different sports, track & share workouts, organize events & challenges, and find the best coaches.
- Used GraphQL for API integration, leveraging FastifyJS-based server architecture to optimize server throughput.
- Setup CDN on Cloudflare for content delivery acceleration, integrating with AWS S3 for efficient storage and retrieval of images.

Attendance Logger | *NodeJS, IoT*   March 2020 – May 2020
- Built a face recognition-based attendance logger to log the faces of all the people passing through a checkpoint.
- Deployed a delayed job to process the images clicked by the cameras.