SACHIN SHARMA

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EDUCATION

Master's In Computer Science	**May. 2023 (Expected)**
University of Colorado Boulder GPA: 4/4	Boulder, CO
Bachelor's in Computer Science and Engineering	**May 2017**
M.S Ramaiah Institute of Technology CGPA: 8.96/10.0	Bangalore, India

TECHNICAL SKILLS

Languages: JAVA, Python, JavaScript, C/C++, SQL, LaTeX
Databases: PostgreSQL, MySQL, Elastic Search, Redis
Frameworks and Libraries: SpringBoot, REST, Hibernate, Flask, Mockito, Gradle, Kafka, Swagger, RabbitMQ
Cloud: GoogleCloud, AutoML, Cloud Functions, AWS Lambda, Heroku
Tools and Software: Git, Docker, JIRA, Postman, Tomcat, Kibana, Jenkins, Kubernetes
Knowledge: Data Structures & Algorithms, Web Development, Testing, Data Analysis, Machine Learning

EXPERIENCE

Software Engineer-III, *Walmart (Digital Pharmacy)*   **Jan 2021 − Aug 2021, India**
- Created microservice for various prescription(Rx) refill task with **HIPAA** compliance with over **85%** test coverage
- Worked on integration of **Cloud Configuration Management** for microservices to support static and dynamic configuration and rule loading without restarting the application

Software Engineer, *Paytm Money*   **Oct 2018 − Jan 2021, India**
- Architected and developed Instant Redemption feature for Liquid Funds from scratch, enabling users to redeem mutual funds in real time with a success rate of **98%**
- Developed a micro-service that uses **AWS Lambda, Redis and Elastic-Search** to support the rendering Minute and Hourly candles of Stocks, Etfs and Options on Mobile and Web applications.
- Developed various key features of Systematic Investment Plan (SIP) and designed a **rule engine** for automating investment using autopay API. This impacted a **million** SIP transactions/month
- **Mentored and onboarded** interns and new grads in the team, assigned tasks and did code review

Software Developer, *Ebix Travels*   **Jun 2017 − Oct 2018, India**
- Built SBT (Self Booking Tool) a first of its type corporate Travel solution from scratch used to book Flight and Hotel itineraries via an approval flow. Collaborated on all stages of the application development lifecycle
- Automated billing system to identify billing mismatch and issues in Invoices and Statement of Accounts, which **decreased Capital Losses** and manual efforts by Accounts team

Software Developer Intern, *Via*   **Jan 2017 − Jun 2017, India**
- Constructed an Expense Management system for managing travel expenses of employees by travel admin
- Devised an interface enabling support team to regenerate insurance for a failed travel insurance

PROJECTS

Medical Data Classification and Forecast   **Nov. − Dec 2021**
- Designed and developed a application which can ingest tabular data and generate a **Tensor Flow** model as a Docker image, used it to predict **Length of Stay** of patients from a hospital dataset, with an accuracy of **62%**

Sentimental Analysis   **Oct − Nov 2021**
- Built a Backend system to do text sentimental analysis using a trained model on Cloudflare. Deployed it on **google cloud** using docker and Google Kubernetes. Optimized it further by using **RabbitMQ** as a queue for worker node

National Pension Scheme (NPS)   **Aug − Dec 2019**
- Built **NPS** from scratch at Paytm Money. Played major role in gathering requirements, designing, implementing, testing and making it live. NPS application made **1000 transactions/day** during initial days of launch

ACHIEVEMENTS

- As the **vice chair** of the CU Boulder Computer Science Graduate Professional Development Club, hosted problem-solving sessions, seminars, and competitions   **Sept. 2021 − Present**
- Hackerearth Coding Challenge , International Rank 7 (**Leaderboard**)   **June 2015**
- HPE (Hewlett Packard Enterprise) Thinkathon Top 50 national finalist for two consecutive years   **Oct 2015-16**