

RUKHSAR RASHID KHAN

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SUMMARY

With over 4 years of experience as a full stack software engineer, consistently delivered impactful results by enhancing project efficiencies by over 30% through expertise in cybersecurity & cutting-edge software engineering technologies.

EDUCATION

Master of Science in Computer Science (3.85/4), Stevens Institute of Technology *September 2022 – December 2023 | USA*
Courses: Web development, Data Structures & Algorithms, Privacy in Networked World, Cyber Security

Bachelor of Engineering in Computer Engineering (8.04/10), University of Mumbai *May 2015 – May 2019 | India*
Courses: Object Oriented Programming Methodology, Advanced Algorithms, Database Management Systems

SKILLS

Programming Languages – JavaScript, Python, Go, TypeScript, Java, Kotlin, HTML5, GraphQL, Django

Technologies – React.js, Redux, AngularJS, Node.js, Next.js, Express.js, Tailwind, CSS, REST, JSON, Kafka, Agile, Microservices

Databases – MySQL, Cassandra, PostgreSQL, MongoDB, Snowflake, SQL, NoSQL, Redis

Cloud Technologies – Amazon Web Services (AWS), Google Cloud Platform (GCP), Terraform

DevOps Tools – Jenkins, Ansible, Docker, Kubernetes, Git, CI/CD, Jira

Certifications – [Google Cybersecurity Certificate - Professional](#), AWS Developer Associate (In Progress)

WORK EXPERIENCE

Software Engineer, breathing.ai *February 2024 – Present | New York, USA*

- Elevated B2B customer throughput by 25% by engineering a multilingual interface using React.js, TypeScript & Next.js
- Enabled secure invoice payment processing in 135 currencies by integrating Stripe webhook with the platform website
- Optimized server response time from 800ms to 300ms by developing efficient REST API endpoints with PostgreSQL
- Expedited Chrome extension deployment with efficient containerization using Docker & Kubernetes

Senior Software Engineer, ConnectWise *July 2021 – July 2022 | India*

- Amplified data retrieval efficiency, cutting data access time by 67% with a React.js web app using Redux & Elasticsearch
- Enhanced protection by developing Go & GraphQL services to run 1000+ scans for vulnerabilities on network assets
- Improved real-time data processing from 3 min to 50 secs by integrating Kafka for data streaming to Cassandra DB
- Streamlined 90% of infrastructure deployment with Jenkins, Ansible & GitLab CI/CD for 9 Go microservices
- Revamped development workflows with Git, reducing code conflicts by 60% & expediting project delivery

Software Engineer, ConnectWise *July 2019 – July 2021 | India*

- Achieved over 65% SMBs identifying cybersecurity threats by developing a risk assessment tool with AngularJS & D3.js
- Migrated 12 years of data from Cassandra to Snowflake using Python scripts, enabling efficient big data processing
- Boosted sales for 7 products using TensorFlow & Tableau for actionable business intelligence (BI) insights
- Automated SentinelOne incidents ticket creation using Go, improving threat response efficiency saving 50 hrs/week
- Established Agile SDLC methodology, prioritizing documentation & management of large-scale distributed systems
- Led fintech innovation with strategic leadership & data-driven decisions, boosting revenue by 20%

PROJECTS

Munch Mentor *July 2024 - Present*

- Developed a React Native app with Expo, utilizing GPT-4 OpenAI to provide personalized meal recommendations
- Incorporated user preferences, inventory & meal history, resulting in efficient 2-minute decision-making for meals

Smart Inventory *February 2024 - March 2024*

- Designed & developed an inventory management system using React.js, Django & PostgreSQL in 48 hours
- Optimized user experience by 90%, inclusivity & accessibility by using Tailwind CSS & lazy loading

Nurture Nest Child Care *January 2023 - May 2023*

- Led a child care MERN stack project for a 6-person team with effective leadership & clear communication
- Boosted multi-user interaction with Socket.IO for seamless connectivity, utilizing Firebase for authentication

Nirvana Escape from Reality *August 2022 - December 2022*

- Delivered an end-to-end interactive media list & playback frontend with React.js, Redis & JWT for authentication
- Engineered a Node.js backend with AWS S3 for secure media file storage of 5TB of data backed by MongoDB

Drowse Alert - Spearheaded AI/ML model using Python, OpenCV to detect driver drowsiness by analyzing pupil-eyelid ratio