

RAHUL DHIMAN

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PROFILE SUMMARY

Highly motivated master's student in Computer Science and Engineering with 3+ years of industry experience in app development. Proficient in coding and debugging across multiple languages and frameworks, including Go, Swift, Python, and JavaScript. Skilled in cloud technologies such as AWS, GCP, and Azure, with hands-on experience in database management systems like PostgreSQL and MongoDB. Strong academic background in algorithms, machine learning, and distributed systems. Proven track record of success in previous internships, contributing to the development of impactful projects. Seeking a Software Engineering Intern position to apply and further enhance technical skills in a dynamic and collaborative environment.

EDUCATION

M.S, Computer Science and Engineering <i>Santa Clara University (3.68/4)</i> <ul style="list-style-type: none">Related Course Work: Design and Analysis: Algorithms, Machine Learning, Artificial Intelligence, Pattern Recognition and Data Mining, Distributed Systems, Database Systems, Computer Networks, Computer Architecture	Apr 2023 – Mar 2025
B.E, Computer Science and Engineering <i>Chitkara University (3.66/4)</i> <ul style="list-style-type: none">Related Course Work: Operating System, Object Oriented Programming, Client-Side Technologies, Computer System Architecture, Advanced Database Management System, Theory of Computation, Data Structures, Web App Development	Aug 2015 – Jul 2019

TECHNICAL SKILLS

- Languages:** Go, Swift, Python, C++, TypeScript, JavaScript, Dart, HTML, CSS, Shell Script
- Frameworks:** Flutter, Next.js, Node.js, React, Vue, IoT, Bootstrap, Tailwind
- Cloud:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Azure, Oracle Cloud, Vercel, Digital Ocean, Docker & Kubernetes
- Database:** PostgreSQL, MySQL, MongoDB, DynamoDB, Redis, PrismaDB, Planet-Scale, Firestore
- Tools:** Git, GitHub CI/CD, Jenkins, GoLand, Xcode, WebStorm, PyCharm, Colab, IntelliJ, CLion, Visual Studio Code
- Certifications:** Docker & Kubernetes Guide, Go: The Complete Developer Guide, Machine Learning Nanodegree, iOS Developer Nanodegree

EXPERIENCE

Research Associate <i>SCU Frugal Innovation Hub</i> <ul style="list-style-type: none">Led the development of a project management dashboard for GDT Clinic at the Frugal Innovation Hub (FIH), improving collaboration and project oversight. Achieved a 30% boost in team productivity and reduced project turnaround time by 20%.Leveraged Next.js, React, TypeScript, and MongoDB for peak performance and enhanced functionality.Revamp a Flutter app to MVVM architecture, achieving a 10% size reduction and 2-3x speed increase for user experience, especially in low-bandwidth regions.Contribute to the creation of the "Equation2Success" anti-bullying app using Flutter, featuring a user-friendly interface, an admin panel for case management, and an efficient ticketing system.	Jan 2024 – Present
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Senior Software Engineer <i>ClickLabs Pvt. Ltd.</i> <ul style="list-style-type: none">Spearheaded Yelo product development at Jungleworks, driving the successful launch of Secret Spa London apps that revolutionized service bookings. Delivered significant value to over 30 SaaS clients, each experiencing a profitability increase of over \$10,000.Directed the development of the Mezmo IoT app at Mahindra-Susten, seamlessly integrating BLE-controlled bike features. Embraced by a user base of 500+ daily riders, the app offered advanced functionalities for maintenance and life cycle analysis.Mentored and counseled five iOS app development interns, fostering their professional growth and development.	Jun 2019 – Jan 2023
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Software Engineering Intern <i>ClickLabs Pvt. Ltd.</i> <ul style="list-style-type: none">Excelled in Swift and Storyboards on Xcode, showcasing expert knowledge of iOS principles. Proficiently integrated IoT-based bikes using BLE techniques, achieving optimal performance.Actively participated in multiple projects, consistently delivering high-quality code, and garnering positive feedback from over 100 beta app tests. Proficient in crafting SaaS-based applications to meet diverse technological needs.	Jun 2018 – Jun 2019
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PERSONAL PROJECTS

Quiklink (Go, PostgreSQL, Redis, AWS, GCP, gRPC, Docker, Kubernetes, GitHub Automation, GoTemplate, Bootstrap CSS) <ul style="list-style-type: none">Engineered Quiklink, a potent URL-shortening solution powered by a Golang backend, prioritizing speed and efficiency.Crafted a sleek and intuitive frontend using HTML, CSS, and JavaScript, ensuring a seamless user experience for generating concise links from lengthy URLs.Introduced customization options for preferred aliases in custom short links, elevating user experience and personalization.Integrated advanced analytics features to monitor link clicks and performance, empowering users with insights into the impact of their shared links.Leveraged GitHub actions and workflows to automate testing and deployment processes, seamlessly deploying the application to a Kubernetes cluster (GKE).	Aug 2023 – Present
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Banjo-AI (Next.js, React, TypeScript, MongoDB, Prisma DB, Tailwind CSS, OpenAI, Vercel, REST APIs, Stripe) <ul style="list-style-type: none">Engineered Banjo-AI, a dynamic application designed to generate various content types including chat, code, images, videos, and music from a text prompt.Seamlessly integrated OpenAI to augment the platform's capabilities, facilitating the generation of diverse and high-quality content.Implemented Stripe for a robust and secure subscription model, guaranteeing efficient and reliable payment processing for users.Orchestrated continuous improvements and updates to Banjo-AI, ensuring its scalability, reliability, and user satisfaction through regular feedback integration and feature enhancements.	Nov 2023 – Jan 2024
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Fact of the Day (Node.js, Next.js, MySQL, iOS, Android, Oracle Cloud, Cron, JavaScript, REST APIs, JWT) <ul style="list-style-type: none">Expertly orchestrated backend operations utilizing MySQL and Node.js, ensuring streamlined data handling and processing efficiency.Led the development and deployment of Android and iOS applications, accumulating over 5000 downloads, and facilitating accessible daily knowledge dissemination.Implemented cron jobs for automated notifications, enhancing user interaction and retention, thus optimizing the overall user experience.	Feb 2019 – Present
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