

SIRIL RICHARD J

Full Stack Developer

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Profile Overview

Software Engineer specializing in Full Stack Development with **3+** years of experience building scalable APIs, secure authentication flows, and responsive UIs. Skilled in Python, JavaScript, TypeScript, ReactJS, Bootstrap, modern CSS frameworks, and with working knowledge of Go. Proven track record of delivering high-impact solutions that enhanced compliance, optimized performance, and improved user engagement across large-scale applications.

Technical Skills

- **Frontend:** React, JavaScript, TypeScript, Bootstrap, HTML, CSS, SCSS
- **Backend & APIs:** Python, Go, REST, gRPC
- **Database:** MySQL, Oracle SQL, SQL Server
- **Cloud & Monitoring:** AWS (EC2, SES, SNS), Grafana, PagerDuty, Datadog
- **Security & Auth:** OAuth2, JWT
- **Version Control:** Git, GitHub
- **Testing & Tools:** Jest, Pytest, Unittest, Bazel, Linux Devbox, Postman, BrowserStack, JMeter

Work Experience

Software Engineer | HCL Tech (Feb 2023 – Present)

Client: Dropbox | **Role:** Full Stack Developer

- Built email and push notification APIs enabling **3.4B+** messages, **300K+** account reactivations via passwordless login feature.
- Automated email template compliance using cron jobs and BeautifulSoup parser; flagged **50+** violations and prevented **500M+** emails from being blocked.
- Developed Grafana dashboards for unsubscribes & click analytics, reducing query time by **99%**.
- Enhanced Internal API framework to support OAuth2 client_credentials grant, enabling new 3rd-party integrations.
- Deployed AI powered Zoom chatbot integrated with Salesforce & Zendesk, generating **50K+** sales leads and routing **20K+** support tickets per month.
- Contributed to migration from GTM/Tealium to Adobe Launch, improving script injection & consent management.
- Ensured code reliability through Jest, Pytest, and Unittest, while integrating PagerDuty and Datadog for real-time alerts and API monitoring.

Intern | HCL Tech (Sep 2022 – Feb 2023)

- Supported development and testing of enterprise-scale APIs and frontend features using React.
- Gained practical experience in secure coding, system monitoring, and Agile teamwork.

Website & Data Management Coordinator | Don Bosco Job Placement Network (Oct 2021 – Feb 2022)

- Maintained job portal & optimized UI, boosting adoption over Google Forms for user registration.
- Created brochures and posters using Photoshop & CorelDraw, and ran social media campaigns (Facebook Ads, YouTube) for job fairs, increasing event visibility by **60%** and boosting participation by **45%**.

Awards & Recognition

- Honored with HCL's **TooGood Award** for distinguished performance in consecutive years 2023 & 2024

Education

- **Bachelor of Computer Applications (BCA)** – Amity University Online (2023– Feb 2026, In Progress, CGPA: **7.8**)
- **TechBee IT Training** – HCL Tech (2022)
- **Professional Diplomas:**
 - Multimedia & Visual Editing – Bharathidasan University (2021)
 - Web Designing – Don Bosco Media & Animation College (2020)
 - Computer Applications – Sri Murugan Computer Education (2019)

Certifications

- AWS Certified Cloud Practitioner (Credential: bc06500e5341436f877813ee18576e8d)