

Shakib Rahman

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EXPERIENCE

Palantir Technologies

New York City, NY

Software Engineer

Jun 2024 - Present

- Automated delivery of software bundles across security domains using **AWS Diode** with custom “Binary Transfer Service” written in **Java**, saving over **50** manual technician hours a day
- Led effort to support customer **FedRamp** onboarding by enforcing multi-tenant principles on service architecture
- Delivered support for the modernized OCI formatted software bundles, deprecating existing legacy structure
- Implemented bundle splitting algorithm for perfect byte-wise reconstruction of legacy tar files across networks

Software Engineer Intern

May 2023 - Aug 2023

- Built an autonomous **Java** service that reports for deployment mis-configurations on over **200** stacks
- Joined efforts in scaling core infrastructure by enforcing consistent deployment standards for **100+** customers
- Led efforts to guarantee high availability of infrastructure is kept across a vast network of over **1000** services

Aresty Research Center

Piscataway, NJ

Research Assistant

Sep 2022 - May 2023

- Discovered $O(n\sqrt{n})$ algorithm to report longest increasing subsequence range queries, the fastest method known
- Wrote and optimized a **C++** library that benchmarked and validated the algorithm against existing methods
- One of five** Rutgers Computer Science students to receive **Novielli Award** for excellent academic research

Verisk Analytics

Jersey City, NJ

Software Engineer Intern

Jun 2022 - Aug 2022

- Spearheaded automation efforts within the Enterprise Applications team for improved company-wide development
- Scripted uptime of Oracle Cloud Compute Instances with Python SDK, reducing costs by **50%**
- Generated 10+ automated **data reports** of Enterprise platforms for business analysis and chargeback

Colgate-Palmolive

Piscataway, NJ

Software Engineer Intern

Jan 2022 - May 2022

- Supported the Direct to Consumer Team in delivering Hill's Vet, a global e-commerce product referral platform
- Implemented features, bug fixes, and designs to production consumer site with over **100k users** using **ReactJS**
- Leveraged backend services such as **AWS SES**, **Redis**, **Stripe**, and **GCP Firestore** for site functionality

EDUCATION

Rutgers University – New Brunswick

New Brunswick, NJ

Bachelor of Science in Computer Science and Mathematics | GPA 3.96/4.00

Sep 2020 - May 2024

- Graduate Coursework:** OS Theory, Graph Theory, Linear Programming, Artificial Intelligence, Scalability Seminar
- Extracurriculars:** Rutgers Competitive Programming Club (Secretary), Honors Program

PROJECTS

Wenda | *Golang, ReactJS, TypeScript, NoSQL, Git*

- Developed an online productivity manager to efficiently monitor and organize weekly tasks and events
- Implemented a scalable serverless architecture in Golang using AWS **Lambda** with NoSQL **DynamoDB** storage
- Created a responsive web front-end written in ReactJS, hosted on AWS **S3**, and distributed with **Cloudfront**

Cabin of Cards | *GDScript, Godot, TCP/IP, Git*

- Worked in a team of two to create multi-player party game built with the Godot game engine
- Enabled state sharing across peers with **RPC** built on **TCP/IP** for seamless multiplayer experience

TECHNICAL SKILLS

Languages: Java, Python, Golang, C, C++, TypeScript, JavaScript, HTML/CSS

Technologies/Frameworks: ReactJS, NodeJS, Gin, Flask, Redux, REST, GraphQL, Git, DynamoDB