

Naman Jain

(+91) 96322-47503 | namanj@outlook.com | nmnjin.com
github.com/nmnjin | linkedin.com/in/naman-jn

EDUCATION

Manipal Institute of Technology, Manipal

BTech in Computer Science and Engineering
July 2017 - Aug 2021
- 9.1/10 CGPA
- Technical mentor and volunteer in multiple clubs and communities.

SKILLS

Proficient

Python, Golang, Swift
Cloud Platforms - GCP, Azure
MongoDB, SQL, Redis

Familiar

Kafka, Elastic Search.
Prometheus, Grafana, InfluxDB, Docker,
Kubernetes, Helm, Terraform.
Frontend Development - Reactjs, Nextjs.

Miscellaneous

UI/UX, Figma, Product Management -
SCRUM Techniques

CERTIFICATIONS / AWARDS

Google Cloud - Professional Cloud Architect

February'23 - [Certificate](#)

Microsoft Certified - Azure Developer Associate

October'21 - [Certificate](#)

Apple WWDC'20 Scholar

June'20 - [Github](#)

- Built a playground with CoreML NLP engine which analyzes sentiments amongst young kids and creates a safe online environment. Selected by Apple as an award winning entry.

EXPERIENCE

Apna | Software Engineer - Platform

March 2022 - Present

- Tech Stack: Golang, Python, Django, Google Cloud, PostgreSQL, Mongo, Redis, Kafka, Elastic Search, Grafana, gRPC.
- Leading the development of horizontal services within the Apna ecosystem, emphasizing robust platform engineering to empower cross-team functionalities.
- Engineered the overhaul of Apna's primary authentication service, achieving a **remarkable 98% reduction in core authentication P99 time from 23ms to under 0.5ms**, while further enhancing security aspects. Implemented fault tolerance mechanisms to ensure resilience against infrastructure failures.
- Led the architecture and development of Apna's central location service, fueling key use cases like regional job posting and search, user location mapping and search, across the entire ecosystem. **Worked with Geo Polygons and Geosphere Indexes to provide coverage across 3500+ cities and 15000+ areas in India.**
- Contributed to the experimentation platform, facilitating A/B testing, feature toggles, and user rollouts across all product teams. Integrated analytics support via MixPanel, **tracking over 6 billion events per month**. Developed Python and Go SDKs for seamless integration.
- Designed and developed an in-house fin-ops platform at Apna, delivering detailed cost breakdowns and time-based scaling orchestrators for cloud services and infrastructure. **Proactively seized cost-saving opportunities, leading to significant reductions and stabilization in cloud expenses.**
- Independently built critical business metric dashboards, enabling daily business health and metrics monitoring by implementing a self-hosted stack (InfluxDB + Grafana) with custom data transformation Python scripts and pipelines processing millions of data points per day.
- Demonstrated quick learning abilities by contributing as a floating resource to multiple product centric teams, aiding in rapid development and crucial releases.
- Led mentoring efforts for new hires and junior engineers. Facilitated backlog refinement, conducted scrum activities such as standups, retrospectives, and sprint planning for the team.

Citrix Systems | Software Engineer - Cloud Platform

Jan 2021 - Feb 2022

- (6 Month internship from Jan '21 to June '21)
- Tech Stack: Azure Cloud, Terraform, Python, Jenkins, Prometheus, Grafana.
- Collaborated on scalable cloud tools and services, actively participating in architectural design discussions. Demonstrated leadership by leading explorations to validate design architectures on Azure Cloud, and presenting system demos to the entire engineering team.
- Engineered core components and architecture of an internal product responsible for automatically curating a whitelist of customer-facing

LEADERSHIP

Manipal The Talk Network

Independent Media Body

- Served as Head of Development
- Served as Head of Videography
- Part of the Executive Board, involved with business growth and reach, responsible for leading a team of 300+ members from 13 colleges.

- [Recommendation Letter](#)

College Fests

Core Committee Member

- Served as Application Development Head, involved with launching the official apps for the fest.

- Mentored junior developers and taught them the basics of app and backend development.

Fully Qualified Domain Names (FQDNs) through DNS TXT records. This effort directly contributed to **unlocking customer deals and sales worth over \$60M.**

- Re-architected the core networking infrastructure's deployment flow, transitioning from manual GitOps and Jenkins to an automated serverless environment. **Reduced time to deployment from multiple hours to under 15 minutes.**

[Freelance Developer](#) | Full Stack Web and iOS Developer

March 2020 - Present

- Pursuing freelancing to explore technology beyond primary work tools, gaining diverse experience in the field.
- Advised multiple clients on app and website development, guiding them through the entire process from conceptualization to deployment, and providing expert insights into user design and best practices, translating clients' visions into reality.
- Collaborated with prominent clients including ESPN (Cricinfo watch app), Plum (iOS Health Care app), and multiple international clients for various web development projects.

PROJECTS

MealGuide | iOS and Backend Development

iOS, Web and Backend Development | [Website](#)

- MealGuide is a comprehensive project centered around healthy meal recipes and an intelligent meal planner based on various diets. It also facilitates connections with nutritionists, offering a holistic approach to health and nutrition.
- Independently designing, developing and managing the iOS client application, backend server and infrastructure.

Students' Life Cycle Management Application

iOS and Backend Development | [Github](#)

- Built a solution for students to make their university lives easier via a beautiful mobile interface.
- Brainstormed and developed extensive features focusing on UI/UX and student needs.
- Added features like attendance, marks, news articles, alerts, city-wide-directory by implementing both client side and backend code.
- Handled 20,000+ unique users, peaking at 2,000+ daily active users throughout my university time.