



# ASHMIT KUMAR

Kanpur, India

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## SUMMARY

Aspiring Computer Science undergrad with a strong foundation in data structures, algorithms, and system design. Skilled in backend development using Go, Node.js, Redis, and AWS, with an interest in building scalable, cloud-native, and high performance systems. Eager to apply these skills to real-world challenges, contribute to impactful projects, and grow through collaboration, effective communication, and continuous learning.

## EDUCATION

**Pranveer Singh Institute Of Technology** 2022 - 2026

*B.Tech - CGPA: 7.5\**

**St.Thomas School** 2019 - 2021

*Intermediate - Percentage: 84.4%*

**St.Thomas School** 2018 - 2019

*High School - Percentage: 89.5%*


**Relevant Coursework:** Data Structures, Operating Systems, Computer Networks, OOP, DBMS, Software Engineering

## EXPERIENCE

**FullStack Developer Intern, Goismo India Pvt Ltd.** Sept 2025 - Sept 2025

*Kanpur, India*

- Delivered continuously updated SEC disclosures achieving 95% of filings live within 10 minutes by building modular Go microservices orchestrated with AWS Lambda and EC2 Auto Scaling.
- Reduced system latency and improved throughput by 30% by using NSQ message broker for asynchronous inter-service communication and tuning consumer concurrency.
- Engineered a real-time data pipeline for SEC 8-K filings, ingesting unstructured regulatory data and transforming it into structured data, facilitating real-time classification and analytics.

**Software Engineering Intern  DtoDstint Service** Dec 2024 - Mar 2025

*Kanpur, India*

- Improved backend performance by 40% by implementing Redis-based distributed caching for frequently accessed MongoDB queries, reducing load and lowering P99 latency.
- Reduced failed builds by 50% by implementing a Jenkins CI/CD pipeline with automated build, test, and deployment stages, improving deployment reliability and efficiency.
- Collaborated with cross-functional teams in Agile sprints to deliver key features 20% ahead of schedule, enhancing admin dashboard usability and performance.

## PROJECTS

**AutoShip** | [GitHub](#) | Go, Fiber, MongoDB, GitHub OAuth, Docker, AWS May 2025 - July 2025

- Built a Go-based CI/CD system to automate GitHub repo deployments, reducing manual effort by 80%.
- Packaged DNS proxy as an RPM, enforcing HTTPS and subdomain routing to secure 100% of deployments.
- Optimized containerized deployments using multistage Docker builds, reducing image size by 30%.

**Bin-IT** | [Live](#) | [GitHub](#) | React.js, Node.js, MongoDB, AWS S3, Clerk Jan 2025 - Mar 2025

- Built a civic platform for waste reporting with geotagged photos, boosting engagement by 40%.
- Engineered scalable storage by integrating AWS S3 for 1K+ image uploads, maintaining 99.99% uptime.
- Integrated an AI chatbot into the support platform, reducing customer support requests by 50%.

## TECHNICAL SKILLS

**Languages:** Java, Python, Go, JavaScript, HTML/CSS

**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, Fiber

**DevOps:** Docker, Jenkins, Kubernetes, AWS, CI/CD Pipelines, NSQ

**Databases:** MongoDB, MySQL, Redis, Firebase

**Tools:** IntelliJ IDEA, VS Code, Git, Github, Supabase, Miro, Figma, Postman, HashiCorp Vault

**Soft Skills:** Communication, Collaboration, Problem Solving, Self-Learning

## CERTIFICATIONS | VIEW ALL

- **AWS and Cloud Computing** - Udemy March 2025
- **Kubernetes for Developers** - Udemy May 2025
- **Docker for Beginners** - Udemy May 2025