

Nihal Pandey

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EDUCATION

- **Bachelor of Technology in Computer Science Engineering** CGPA: 8.8
Guru Gobind Singh Indraprastha University, Delhi, India Aug. 2017 – Aug 2021

TECHNICAL SKILLSET

- **Languages:** JavaScript, Java, Python, GoLang
- **Server-side:** Node.js, AWS, NSQ (Message broker), Nginx
- **Databases:** MongoDB, MySQL, Firebase, Redis
- **Other tools:** PM2, Sentry, Git, JIRA, Jest, Postman

EXPERIENCE

- **Software Development Engineer - 2** April 2022 – Current
FarMart Service Pvt. Ltd. Gurgaon, Haryana, India
 - Owned and delivered a **Geo-location Service with caching**, resulting in a 50% reduction in Google Maps costs and extensive utilization by other products.
 - Architected and implemented a robust queuing service using an open source tool -**NSQ**, extensively used in multiple products across organization.
 - Developed **Crop Procurement bidding platform** based on parameters such as geography, Mandi prices, and user activity, enabling the operations team to find appropriate procurement sites efficiently.
 - Automated taxing and invoicing process (GST, TDS, and Mandi-Tax) for the B2B payments, streamlining the finance team's effort and increasing their efficiency by 3X.
 - Achieved recognition for successful development of a pilot feature by delivering a company-wide presentation showcasing its exceptional results.
 - Developed a highly scalable and maintainable comprehensive logging mechanism for application logs, user activity logs, external API logs, etc.
 - Owned and delivered Node.js profiler service for efficient performance troubleshooting.
 - Architected and Implemented **Communication as a Service** that supports multiple channels (SMS, WhatsApp, Firebase notification, Email, and Slack), tested on load of 100K messages/sec.
 - Collaborating with cross functional teams to make sure on-time delivery, up to the required quality standards, while following Agile methodologies.
 - Mentoring junior developers and interns, also participating in code and design planning as well as reviews.
- **Software Development Engineer - 1** March 2021 – April 2022
FarMart Service Pvt. Ltd. Gurgaon, Haryana, India
 - Core member of the back-end team taking full ownership of the product - **Agri-Retailer application**.
 - Mentored new employees, delivered technical sessions and performed peer code reviews.
 - Identified and solved architectural problems related to security, bottlenecks, and database design which severely improved application performance.
 - Optimized third party API calls, reducing monthly bills by 30%.
 - Contributed to Feature planning and Software architecture discussions.
 - Architected from scratch - Agri-Distribution supply tracking, Gamification, Quiz and Ledger tracking.
- **Web Development Intern** May 2020 – June 2020
Digi Maverick Delhi, India
 - Gathered Requirements, developed and deployed websites with best possible optimizations for various clients.

PROJECTS

- **AutoGrad | Python, Flask, React, Redux, MongoDB** : An online assessment platform, features - create, delete, share, evaluate and re-evaluate operations on tests manually as well as automatically for Teachers.
- **Broad-Stream | Node, React, Redux, OBS studio**: Allows users to broadcast as well as stream other user's screen by configuring OBS studio.
- **MyMovieList - A movie catalogue site | React, CSS, TMDB API, YouTube API**: A movie catalogue Single Page Application. Also allows users to play trailers from within the application upon selecting.

HONORS AND AWARDS

- Rewarded best performer and innovator award for the year 2022 by **FarMart Service Pvt. Ltd..**