

Mihir Kumar

Software Engineer

☎ +91 91134 07684

✉ mihirpandey.13@gmail.com

🌐 [website](#)

in [linkedin@mikr13](#)

🐙 [github@mikr13](#)

🐙 [github@open-devs](#)

🐦 [opendevs_2020](#)

🐼 [stackoverflow@mikr13](#)

🌐 [medium](#)

🌐 [dev.to](#)

🌐 [npm@mikr13](#)

SUMMARY

Inquisitive Software Development Specialist with 3+ years of experience in product based Start-ups & MNC. Proficient in developing end-to-end JavaScript applications & taking care of DevOps responsibilities. I take utmost care in following best practices & standards. I always try to keep documentation as detailed & to cover 90% of unit testing at least. I want a career where I can focus on what I am good at and turn them into greatness while learning continuously, leading to the mutual benefit of the Organization & Myself. I want to learn and be valuable.

KEY TECHNICAL SKILLS

- TypeScript | JavaScript
- NodeJS | ExpressJS | KoaJS | Fastify
- React Native | ReactJS | Vue.js | Angular
- GraphQL | | Loopback | TypeORM
- MQTT | IoT platforms
- MongoDB | ReThinkDB | Redis | PostgreSQL
- Docker | AWS | Firebase | Travis CI | GitHub Actions
- HTML5 | CSS3 | Styling Libraries & Frameworks
- Git | GitHub | Bitbucket
- Documentation | JsDoc | TsDoc
- Unit Testing | Mocha | Chai | Stubs

PROFESSIONAL EXPERIENCE

Software Engineer

Jun '20 - Present

LearningMate Solutions Pvt. Ltd.

Kolkata, IN

Application Development & Coding

- Designing & Developing **high-quality React.js** software design and architecture for a variety of applications.
- Developed a Lambda function into native Node.js Code with additional improvements making search process **90% faster**.
- Applied a **scheduler jobs micro-service** to **automate the manual process of data sync and notification** service.

Stakeholder Management & System Improvement

- Collaborating with vendors and **cross-functional teams** to fix & improve products and automating tasks through appropriate **tools & scripting**.
- Documenting development phases & **monitoring systems** and ensuring software is up-to-date with the latest technologies.

Operations Management

- Determining operational feasibility & proposing solutions by **assessing analysis**, problem definition, requirements, etc.
- Improving **operations by 17%** by conducting systems analysis and recommending changes in policies & procedures.

Software Engineer

Jul '19 - Jun '20

MachineSense LLC

Kolkata, IN

Application Development & Coding

- Contributed to migration to Container Architecture of the whole stack in Docker **making it more scalable**
- Enabled parsing & visualizing of high-speed sensor data using **Azure Functions & RabbitMQ**
- Contributed to **Secure API Proxy layer** making API access more secure, efficient & highly configurable.
- Enabled **Secure Data Access Object (DAO) layer** for easier & secure Data access for various DBs
- Provided a **Single Sign-On Platform** creating a unified sign-in/ up platform throughout the product range
- Contributed to Reverse SSH Platform for **ease of access to remote Datahubs**

Other roles

- Supervised a small team of interns and new joiners for **training & product guidance** purposes.

Intern

Dec '18 - Apr '19

MachineSense LLC

Kolkata, IN

Application Development & Coding

- Provided a **High-Speed Data Visualizer & OTA update portal** for easier update & maintenance
- Created multiple scripts for automating **Database Backup & Restore** to be run with **CRON** job schedulers for avoiding data loss
- Made an **SMTP micro-service** replicating **AWS SES** template system which is being consumed by different projects within organisation
- Introduced a **Mongo migration utility** web-app to help with data administration tasks.

Intern

Feb '18 - Sep '18

Tenpi Technologies Pvt. Ltd.

Kolkata, IN

Application Development & Coding

- Devised a MQTT Broker Web Platform to connect, monitor, communicate & gather analytics from various **IoT devices**.
- Built a Full Stack Solution for **Systematic Garbage Collection** in City for easier garbage management.

OTHER SKILLS

- AWS DynamoDB | AWS Lamdas | EC2 |
- AZURE Services
- API Consumption | API Integration
- SSH | Deployment Strategies
- Linux
- Security Implementation Knowledge
- Agile Framework| Scrum Methodologies
- Confluence Knowledge
- Leadership skills
- Problem Solving attitude
- Excellent Soft skills
- Open source enthusiast (opendevs.in)

EDUCATION

PG Diploma in Software Development

Jun '20 - Present

IIIT Bangalore

Bengaluru, IN

- **Course modules:**
 - Fundamentals of Programming Language | Basic Data Structures | Abstraction and Encapsulation
 - Integration and Testing | SDLC and Agile Methodology | Algorithm Analysis | Design Patterns | Microservice Architecture
 - Advanced JavaScript | Advanced Node.js
 - Blockchain Architecture

B.TECH in Information Technology

Jun '15 - May '19

MCKV Institute of Engineering

Kolkata, IN

- **Secured 8.37 DGPA**

ACTIVITIES AND ACHIEVEMENTS

- Achieved **3rd rank in India (Elite-Tier)** in Introduction to Modern Application development Course exams conducted by **IIT Madras** and NPTEL.
- Creator of Open-Source Software Development Team (**open devs**) with **4 open-source projects** fastify-typescript-generator (**500+ weekly downloads** on npm), express-boilerplategenerator (**100+ weekly downloads** on npm), s3-bucket-downloader & vue-horizontal-list-autoscroll & 10 open-source contributions.
- **Taught 30+ students MERN stack in 60+ hours course**
- Received **On the spot award** for my performance in Data visualizer project.
- Received **Star of the Month** award for developing Docker Migration.
- Received **Best Team Award** twice while working on Scheduler jobs micro-service.
- Had given webinar on Full Stack development path to **KIIT university** students.
- Lead a team of two in developing a platform to utilize Google maps, Google direction service, and Distance matrix API to make garbage collection in a Salt Lake City systemized and connected with IoT platform in association with Bidhannagar Municipality, Kolkata & AdMyBin
- Held several positions of responsibilities like: **Anti – ragging** cell member, **Placement cell member** during college