

Subrat Kumar Panda | Technology Analyst | Bhubaneswar

Phone: +91-8967434330

LinkedIn: [Linkedin\(in/subratkpanda\)](https://www.linkedin.com/in/subratkpanda)

Email: subratkpanda6@gmail.com

Professional Summary:

- Experienced **Backend Developer** with more than **3 years of Professional experience** in problem-solving, designing & developing enterprise applications with an excellent leadership record.
- Predominant expertise in **NodeJS, Azure Cloud and Backend Development**, Eager to contribute as a **SDE Backend Developer**.

SKILLS:

- Technical Skills:** Rest-APIs, Azure Cloud, AWS Cloud, Docker, Kubernetes, IBM Cloud, DevOps, JIRA, GIT, GITHUB, MySQL, OOPS, PostgreSQL, IoT
- Management Skills:** ITIL/ITSM, ServiceNow, Project Management, Client Negotiation, L-Shift Management
- Programming Languages:** Node.js, Java, C++, HTML, CSS

EXPERIENCE:

Technology Analyst at Infosys Bhubaneswar (Aug 2024 – present)

a. **Microservices Development Project (Retail & Ecom):**

- As the Team Lead for a Retailing MNC, led the backend development team in developing & supporting robust backend systems.
- Maintaining and expanding of Serverless applications using AWS Lambda and MongoDB.

Systems Engineer at Tata Consultancy Services Hyderabad (Jul 2021 – Jul 2024)

a. **Microservices Migration Project (Healthcare & Retail):**

- As the **Offshore Technical Lead** for a healthcare MNC, led the Intelligent Automations backend API team in developing & testing scalable systems.
- Redesigned **HLD & LLD** architecture of **NodeJS** based **Chatbot Platform**, transforming APIs to **Microservices** resulting in a cost reduction of **\$4000/M**.
- Architected a chatbot backend supporting **9 frontend platforms** (Webpages, MS Teams, SharePoint, Facebook Messenger, Workplace, Telegram, Twitter, Twilio SMS, WhatsApp) using the **Adapter Design Pattern** and **NodeJS**, with multiple third-party API integrations.
- Designed CI/CD pipelines for Docker containerization for an **ACR**, reducing manual efforts & **AKS** deployment time by approximately **15-20 hours** monthly.
- Optimized SQL database usage through **query optimization (Indexing & Restructuring Joins)**, decreasing API response time by 25%.
- Played a key role in enterprise-level migration from **Kong** to **APIGEE API Gateway**, improving **security by 40% and performance by 33%**.

b. **Intelligent Automation Project (Bio Pharma & Life Science):**

- Developed a high-value chatbot and its Backend System, resulting in **2FTE** savings & monthly cost reductions of **\$15,000** for the client.
- Optimized IBM & Azure cloud resources, leading to a cost savings of **\$3,500** per month for the client.
- Built advanced **Java & Node** - based **RESTful APIs** to serve as a backend service for RPA bots, handling over **2 million** weekly transactions with 0 downtime.
- Participated in 200+ code reviews, offering debugging guidance and addressing concerns regarding web applications and APIs utilized in **RPA services**.

IOT Developer Intern at CSAK Automation Services (Sep 2020 – Dec 2020)

- Implemented Internet based **Remote Delivery System** using Robots with 100% Success Rate.
- Developed a **Home Automation Systems** with 100% Success rate.
- Created a Dynamic Interactive System for a Humanoid.

Achievements & Accomplishments:

- Honored with the **Service & Commitment Award, OnTheSpot Award, Applause Award, Star Team Award, Elevate Wings Award** for dedicated service to TCS.
- Awarded as **National Winner** of 'Smart India Hackathon 2020' Hardware Edition (Dept. of Scientific & Industrial Research) by MHRD.
- Excelled as a **National Finalist** in 'L&T Techgium 2019-20' & as an 'Emerging Innovator' by KPIT Technologies at 'KPIT Sparkle 2020'

PROJECTS:

File Sharing App:

- Developed file sharing with **Node.js Express** as the backend, enabling upload, download, and static authentication.
- Implemented secure file uploads using Multer to ensure data integrity and confidentiality.

Multiple Chatbot Backend: (https://github.com/subrat25/test_chatbot_template.github.io)

- Developed a backend using **Node.js Express**, integrating 2 Chatbot AI providers (**Watson and Google Dialogflow**)
- Implemented robust database operations through **Sequelize ORM**, ensuring scalability and maintainability.
- Enabled efficient logging of conversation details using **MySQL and PostgreSQL**, streamlining data management.

E-Com Backend Project: (<https://github.com/subrat25/ecom-backend-node>)

- Developed a robust backend service for an e-commerce platform using **Node.js** and **Express.js**, with **MySQL** as the database.
- Implemented comprehensive user, address, cart, and purchase management functionalities.
- Ensured secure user authentication and authorization with **JWT** and optimized database transactions for efficiency.

Certifications & Trainings:

- Upscaling expertise in **Data Structures, Algorithms, Competitive coding and Software Development** at Scaler Academy.
- Completed Certification courses about Building **Chatbots** using **IBM Watson, Google Dialogflow & Azure** (LinkedIn Learning & Cognitive Class)

Education:

Veer Surendra Sai University of Technology, Burla

B. Tech (Electrical & Electronics) Year:2021 CGPA: 7.95

ODM International School, Bhubaneswar

Class: XII (Non-Medical) Year:2017 Percentage: 89.8

DAV Model School, IIT Kharagpur

Class: X Year:2015 Percentage: 93.1