Anurag Kumar

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Summary: 🔗 **Github** | **Linkedin** | **Jarwis**

Results-driven Software Engineer with 4+ years of experience in full-stack development, API integrations, and automation. Skilled in delivering scalable, end-to-end solutions that optimize business operations and reduce manual effort. Recently built an AI-powered WhatsApp chatbot using OpenAI for intent detection and automated task handling, enhancing user interaction and support workflows. Creator of **Jarwis**, a real-time AI agent that answers questions about me—always on, always smart.

Work Experience:

1). iTriangle Infotech Pvt. Ltd (Software Engineer) - Bangalore, Karnataka   Dec 2022 – Present

- **WhatsApp AI Chatbot:** Built a modular Laravel-based WhatsApp chatbot using webhooks and the Strategy design pattern. Integrated OpenAI for smart intent detection and dynamic routing (e.g., Job Card, Device Info, Support). Enhanced with OTP automation, database-driven flows, and scalable NLP-ready architecture.

- **Service Center Management (SCM):** Architected and launched a complete SCM platform, increasing service revenue by 68%. Automated warranty checks, job card creation, diagnostics, and outward logistics.

- **Material Resource Planning (MRP):** Delivered a procurement automation system that halved the inventory team's workload. Streamlined TAT and improved real-time stock tracking.

- **IT & Deployment Support:** Assisted in server setup and deployments. Gained hands-on experience with Linux environments and basic sysadmin tasks.

- **Sim Management Tool (SMT):** Enabled QR-based device certificates for RTO registration across India. Integrated Razorpay APIs for SIM subscription management and whitelisting.

- **Device Config Tool:** Developed a customer-facing tool to configure GPS devices via web and USB. Refined tool UI/UX based on user feedback, improving usability and reducing support queries.

2). Programmates Pvt Ltd (Software Developer) - Jaipur, Rajasthan   May 2021 – Dec 2022

- **Staff Augmentation Software:** Developed **Staff Augmentation Software**, connecting businesses with skilled developers via a service-based contract model.

- **Royal Migration Software:** Led the development of **Royal Migration Software**, an ERP system managing student admissions and documentation for Australian universities.

- **Easy Scooter:** Built **Easy Scooter**, an electric scooter rental platform with inventory tracking, booking, and automated invoicing.

3). Pranjo Meal (Co - Founder)   May 2020 – Apr 2021

Co-founded Pranjo Meal, a meal delivery startup, building a web-based platform for managing orders, deliveries, and customer acquisition through targeted marketing campaigns.

4). Reeadle (Co - Founder)   Nov 2018 – Mar 2020

Co-founded and led product development for Reeadle, a school ERP platform enabling attendance tracking, report generation, and fee collection. Improved administrative efficiency across partner schools.

Skills & Expertise:

- **Backend Development:** Laravel, PHP, Node.js, Express.js
- **Frontend Development:** React.js, JavaScript, jQuery, Ajax, Tailwind, CSS, NEXT JS
- **Database: Vector DB, Postgres,** MySQL, Knex.js, Sequelize, Database Architecture
- **API Development & Integrations:** RESTful APIs
- **Authentication & Security:** JWT, OAuth, RBAC, ABAC, Argon2, 2FA
- **Process Automation:** WhatsApp API, Tally API, Payment Gateway Integration
- **Version Control & Deployment:** Git, Linux, Server Setup, CI/CD
- **Project Management:** Jira, Microsoft Planner, Zoho Projects

Personal Projects:

- **Digital Album Web App:** 🔗 **Snapengine (Backend) | Album (Frontend)**
  Full-stack digital album app using Node.js (Sequelize + MySQL), React, and Tailwind CSS. Supports album creation, media uploads, and sharing.

- **AI Job Application Agent:**
  Automated agent that scans job boards, matches profiles, tailors resume, and generates custom cover letters using OpenAI. Boosts application throughput and accuracy.

- **AI-Powered YouTube Transcript Clipper:** 🔗 **Shorts AI**
  Transcribes YouTube videos using Whisper and suggests AI-generated short-form content with timestamps. Automates video clipping for content creators.

- **Helium Service Authentication System:** 🔗 **Helium**
  Secure authentication system using Node.js, JWT (access/refresh), Argon2, 2FA, device/session tracking, and rate limiting. Built with microservices in mind.

- **Personal Wedding Invitation Website:** 🔗 **Website**
  Designed and built a fully responsive wedding site with image transitions, RSVP form, schedule, and embedded map using HTML, CSS, JS, and Bootstrap.

Education:

- Bachelor of Technology (Electronics and Communication) |Global Institute of Technology, Jaipur, Rajasthan
- Higher Secondary Examination (Science: PCM) | India Overseas School, Jaipur, Rajasthan
- Secondary School Examination | Kendriya Vidyalaya, Rajokri, Delhi

Personal Information:

- Marital Status: Married
- Gender: Male
- Date of Birth: 28th September 1995
- Languages: Hindi, English
- Current Location: Bangalore (Karnataka)