Bommana Vinay

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Summary

I am a Software Engineer with experience in mainframe technologies and full-stack web development. I have a strong foundation in programming languages such as PHP, Java, and JavaScript, and am proficient in various technologies. My goal is to apply my skills and contribute to innovative projects while continuing to learn and grow in a dynamic environment.

Skills

Languages: HTML, CSS, JavaScript, TypeScript, PHP, Java, Python, MySQL, COBOL, JCL

Technologies & Tools: DigitalOcean, AWS (EC2, S3), MongoDB, React, React Native, Node.js, Express.js, jQuery, Tailwind, Bootstrap, CodeIgniter 3 & 4, Laravel, Mainframe, CICS, DB2, Kubernetes, GitHub, MS Excel, Postman, Firebase Services, Linux (Ubuntu 24.04.3 LTS), Bash commands, REST API integrations.

Work Experience

LTI Mindtree, Hyderabad   Feb 2025 – Present
Software Engineer
- Trained in Mainframe technologies and gained expertise in COBOL, JCL, CICS, and DB2-SQL.
- Worked on **AEG-TNM Production Support and Maintenance** for the **Travelers** client, handling mainframe job monitoring, issue resolution, and performance optimization.

Intexm Media Private Ltd, Visakhapatnam   Dec 2023 – Feb 2025
Software Developer
- Built **web admin dashboards** using **PHP CodeIgniter 3 & 4** for real-time monitoring, analytics, and data operations.
- Managed **Linux servers** and optimized **MySQL databases** for high availability, scalability, and performance.
- Developed and maintained multiple web & mobile applications **(ShareNgain, Credbuddha, Turbopaisa)**, including WhatsApp/SMS API integrations, cron jobs, and secure payments using **Razorpay** & integrated **Firebase Cloud Messaging (FCM)**.

Education

Gayatri Vidya Parishad College of Engineering (A), Visakhapatnam   Nov 2021 – May 2024
B.E. in Electrical & Electronics Engineering with Minor in Computer Science Engineering   *CGPA: 9.0/10*
Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Databases, Digital Signal Processing, Power Electronics, Control Systems, Microprocessors & Microcontrollers

Government Polytechnic, Visakhapatnam   Jun 2018 – Aug 2021
Diploma in Electrical & Electronics Engineering   *Percentage: 92.14%*
Relevant Coursework: Digital Electronics, Power Systems, Electrical Circuits, Electrical Machines, Control Systems, Instrumentation, Microcontrollers, Industrial Automation, Electrical Estimation and Costing

AP Model School, Purushottapuram   March 2017 – Apr 2018
SSC (Secondary School Certificate)   *CGPA: 9.8/10*

Project Work

- **CREDIT CARD APPLICATION (Mar 2025) — Team Size: 6**
  Developed a customer portal to manage credit card information with features for registration, login, profile updates, transaction viewing, PIN changes, balance management, and credit limit adjustments.
  Role & Contribution:
  – Designed and implemented databases.
  – Developed CICS screens for user interaction.
  – Created batch programs for monthly transaction report downloads.
  – Built transaction viewing and card balance screens with withdrawal/payment features.
  Technology: COBOL, DB2, JCL, FILE-MANAGER, SPUFI, CICS, VSAM, QMF

- **DMP – Data Management Platform (Nov 2024 – Feb 2025) — Team Size: 8**
  High-volume platform handling 500M+ mobile records for telecom data processing.
  Role & Contribution:
  – Set up and maintained Linux-based server infrastructure.
  – Tuned large-scale MySQL databases for performance.
  – Automated operations using Shell and Python scripts.
  – Processed large .txt datasets using command-line tools.
  – Built a custom web interface for real-time monitoring.
  Technology: PHP (CodeIgniter 3), HTML, CSS, JavaScript, Bootstrap, Linux, Apache/Nginx, DigitalOcean, MySQL, Bash, Python, AWK, Sed, Grep, Git, Cron Jobs

- **ShareNgain & Turbopaisa (Jun 2024 – Nov 2025) — Team Size: 5**
  Digital platforms supporting user engagement and financial services with Android apps and dashboards.
  Role & Contribution:
  – Built admin dashboards using PHP CodeIgniter 3.
  – Developed RESTful APIs for mobile backend integration.
  – Integrated Razorpay for secure payments and implemented Firebase Cloud Messaging.
  – Used Node.js for backend notification services and managed user tokens/logs via MySQL.
  Technology: PHP (CodeIgniter 3), HTML, CSS, JavaScript, Node.js, MySQL, Firebase Cloud Messaging, Razorpay, GitHub

- **PartyPerfkt (May 2024 – Jun 2024) — Freelance Project — Team Size: 1**
  Event booking website with secure payments and multi-channel confirmations.
  Role & Contribution:
  – Conceptualized and developed the full-stack application.
  – Registered domain and configured DNS records.
  – Built responsive UI and backend using PHP CodeIgniter 3.
  – Integrated PhonePe, Email, and WhatsApp APIs.
  – Deployed on DigitalOcean with full server setup.
  Technology: PHP (CodeIgniter 3), HTML, CSS, JavaScript, Bootstrap, jQuery, MySQL, PhonePe API, Email API, WhatsApp API, DigitalOcean, Apache, Ubuntu 24.04.3 LTS

Awards and Certificates

- Mainframe certification from LTI Mindtree
- React certification from Udemy
- Java Programming certification from NPTEL
- Apprentice at Rashtriya Ispat Nigam Limited (Visakhapatnam Steel Plant), Jun–Jul 2023: Worked on "Operation and Maintenance of DC Motors"
- Internet of Things (IoT) Workshop at IIT Bombay, Jun 2023: Built a room-temperature sensing dashboard using Node-RED and Embedded C++, and explored network protocols