

PRAKASH NIDHI VERMA

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Skills

- Python | JavaScript | TypeScript | C | Node.js | Express | React.js | Angular | GraphQL | Apollo | Redux | Flask | MongoDB | HTML | CSS
- Machine Learning | Deep Learning | OpenCV | TensorFlow | AWS | CI/CD | Jest | Unit Testing | Material UI | OOP | DSA | JIRA | Git
- Microservices | Frontend | Backend | Full-Stack | English, Hindi, German – *All professional proficiency or above*

Experience

Software Development Engineer

[Replicon](#)

Bangalore, India

03/2022 - Current

Replicon is a SaaS-based cloud **Time Intelligence company** that provides gross payroll compliance, including complete solution sets for client billing, project costing, and enterprise time and attendance management for B2B customers across 80 countries.

- Led the design, development, and modification of multiple enterprise-level microservice applications of Time and Attendance Group, driving \$4.3 million of revenue every year using the latest technologies of **JavaScript, React.js, GraphQL, C#, AWS, Apollo Client**.
- Developed efficient algorithms for smart match feature metrics where we configure dynamic resource allocation to user assignment on the basis of suitable skills, cost, and role for custom project management which optimized projects time and cost-effectively.
- Responsible for the development of product **POLARIS**, from identifying system requirements and dependencies to workload balancing, software implementation, and testing for smart match table, split view layouts, Job and Employee view pages, and robust responsiveness.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

Associate Software Engineer

[Harappa](#)

New Delhi, India

12/2020 - 03/2022

- Designed and developed an E-Learning platform that facilitates various prime learning ecospheres for learners to thrive in adaptive skills.
- Implemented application **IPJ**: video content platforms that have features like bundle of courses, test series, leaderboard, and live zoom masterclasses within an integrated program using **JavaScript, AngularJS, Node.js, Express, MongoDB, AWS lambda functions**.
- Automated and optimized business logic using LMS integrations on cross platforms, increasing global revenue by 23% in a quarter.
- Developed admin panel platform using **Nebular.js**, facilitated in-depth logging by creating robust APIs for tables and graphs analysis.
- Completely automated the platforms' user-experience analytics by integrated third-party tools **CleverTap, MixPanel** proprietary licenses and scalable APIs which help the marketing and product team to demonstrate analytic reports to take key decisions on product features.

Data Scientist, Intern

[FinMomenta](#)

Chennai, India

05/2019 - 11/2019

- **Reported directly to CPO**: Independently work to develop the fintech authentication configuring metrics and dashboard that provides a rich visual for Digital e-KYC verification. Used by the finance audit team in the loan-sanction decision-making process.
- Engineering owner of the E2E experience of digitally enabled profile and document verification using **Flask** and **RestAPIs**. (PC/Mobile).
- Designed and implemented enterprise fintech applications APIs for **Face Recognition** and matrix matching in national ID documents, Liveness Verification, and Face Expression Detection using **Python, Neural Networks, OpenCV, Deep Learning, TensorFlow, AWS**.
- Integrated open source technologies driving the product robust and cost-efficiently, also cutting company chunk by monthly \$20k.

Education

Bachelor of Technology

[IIIT Jabalpur](#)

Jabalpur, MP, India

08/2016 - 06/2020

- Computer Science and Engineering (6.9/10)

HighSchool and Intermediate

[JDS Vidhya Mandir](#)

Allahabad, UP, India

07/2011 - 06/2015

- 12th Percentage: 93.60 %
- 10th Percentage: 88.50 %

Projects

- **ROBOKART**: Development of an E-commerce platform with features like Cart, Checkout, Payment Gateway using **Python, Django**. [Link](#)
- **HEALTHOPIA**: Implemented ML classification algo to detect breast cancer anomalies in mammogram reports with 95% accuracy. [Link](#)

Mentorship

- [Artificial Intelligence Workshop](#): National level workshop Bootcamp Coordinator responsible for monitoring, lecturing and giving career advice to nearly 200+ Data Science students organized by GyanShala Pvt. Ltd.
- **Co-Founder at [Intellizo Technologies](#)**: Manage and derived action plans for operations of an edTech startup in north India and generated revenue of 2.6 Lakhs INR in 4 months of span time just before Covid'19 affect our establishment. (11/2019 - 02/2020)

Others

- **Team Trooper Award**: Recognition for my excellence work performance in December month during my job at Harappa. (12/2021)
- [MOOC-Certifications](#) and specialization in **Data Science, Big Data, and Web Development** from online platforms Coursera and Udemy.