

Devendra Pratap Singh

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SUMMARY

To contribute my 9+ years of expertise in backend development, along with my experience in frontend technologies, to a dynamic and growth-oriented organization. I seek to leverage my technical, analytical, and problem-solving skills to deliver robust solutions, drive innovation, and support the achievement of organizational goals while continuing to advance my professional capabilities.

SKILLS

JavaScript | NodeJS
HTML | CSS | ReactJS

Python | Django | FastAPI
SQL | Postgres

GoLang
NoSQL | MongoDB

Java
.Net | C#

WORK HISTORY

Faze Technologies | Engineering Manager

Official Cricket NFT Provider | April 2024 to Present

- ✦ Led the successful migration of cloud infrastructure from AWS to Google Cloud Platform (GCP), improving scalability and cost efficiency.
- ✦ Re-architected the system to remove direct blockchain dependencies by making the database the primary source of truth, implementing background synchronization for NFTs and funds, reducing transaction times from minutes to seconds for end users.
- ✦ Designed and implemented a comprehensive accounting system to track all fund flows, including user transactions, platform revenue, and fees, ensuring transparent and accurate financial reporting.
- ✦ Integrated Google Cloud Platform (GCP) Secret Manager, enabling secure management of sensitive configuration data for both local and server environments, ensuring that secrets remain protected and inaccessible to developers.

Zynga Gaming | Software Engineer Developer 2

Connecting the world through games | September 2018 to July 2023

- ✦ Optimized in-game memory usage from 40MB to 200KB by refactoring game asset data mapping, resulting in significant performance improvements.
- ✦ Accelerating the pre-release process, reducing execution time from nearly 2 hours to just 15 minutes through process optimization.
- ✦ Improved both memory usage and setup time for local game environments, enabling faster onboarding and development cycles.
- ✦ Designed and developed a system enabling custom scripts to run during game load without requiring a new release, allowing for greater flexibility and faster updates.
- ✦ Designed and developed the end-to-end automation setup for the reskin feature in Farmville 3, streamlining the process and significantly reducing manual effort.
- ✦ Eliminated the need for archiving legacy features by designing dynamic, modular game-setting objects that load based on feature completion, enhancing scalability and maintainability.

BookMyShow | Software Engineer Developer

India's largest ticket-booking platform | November 2016 to September 2018

- ✦ Engineered an Identity Access Management (IAM) tool leveraging LDAP, providing centralized control over internal projects and user access to company resources.
- ✦ Designed and developed a Universal Access Portal integrating all internal projects within the organization, with robust Identity and Access Management (IAM) roles for secure and centralized user access.
- ✦ Built a robust health monitoring tool to track and report cinema status in real time, improving operational reliability.

- ✧ Led end-to-end development of a queue manager middleware solution, including an integrated monitoring tool for improved system performance and transparency.
- ✧ Led the end-to-end development of a Queue Manager middleware with an integrated monitoring tool, improving system performance and transparency.

Incture Technologies | Software Engineer Developer

Leading customer engagement technology company | July 2015 to October 2016

- ✧ Contributed as part of the team to the end-to-end design and implementation of a system enabling seamless data access from SAP systems to non-SAP back-end systems and mobile services.
- ✧ Worked as part of the team to develop a mobile client application for SAP PO monitoring, improving accessibility and operational efficiency.
- ✧ Contributed as part of the team to the end-to-end design and development of the HR Admin module for CherryWork, delivering a robust and user-friendly solution.

SIDE PROJECTS

Object Data Model for Google Sheets | 2018

Developed an external Python library to fetch data from Google Sheets and convert it into class objects, emulating Django models.

Windows Phone Application for GeeksforGeeks | 2014

Built a Windows Phone application to provide users with access to GeeksforGeeks.org content on mobile devices.

Facebook Logout Script | 2013

Developed a GreaseMonkey user script allowing users to log out of Facebook by pressing ALT+L, enhancing user convenience.

EDUCATION

B.Tech Computer Science and Engineering | 2011-2015

National Institute of Technology, Bhopal

6.4CGPA

Intermediate/10th+2 | 2011

PMS Public School, Moradabad

74%

Matriculation/10th | 2009

VKS Public School, Moradabad

84%