

HIMANSHU RAJ AMAN

Software Engineer

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SUMMARY

Experienced professional with 3+ years in Core PHP, proficient in OOP and PHP frameworks like Yii2. Seeking to contribute technical expertise and innovation as a Software Engineer

EXPERIENCE

Software Developer

May. 2022 – Present

Samarth eGov - Free, open source process automation software for universities

Delhi, India

- Managed Delhi University UG/PG admission process, efficiently handling **1,00,000** requests per day
 - * Learned about **AWS Elastic Load Balancer**, **Amazon Machine Images**
- Integrated feedback system into examination form with prepared excel reports
 - * Used PHP Spreadsheet for generating excel reports
 - * Learned about **UTF-BOM** encodings
- Zonal Entry: Successfully implemented zonal model for marks entry that follows 3 hierarchy level currently being used across Assam and Mumbai HEIs used by more than **2,000 Colleges**
- Integrated automation for processing result, using queues, cutting the 3 step tedious process into a single automated process.
 - * Learned about CRON, Daemon services in linux
 - * Learned about MySQL isolation levels while locking the tables while performing any CRUD operations
- Incorporated **National Academic Depository (NAD)** for marks uploading to NAD server using REST API
- Developed a template parser to automatically detect and intelligently split templates into various sizes

TECHNICAL SKILLS

Languages: PHP, MySQL, Javascript, Go

Frameworks: Yii2, Vue JS, Tailwind

Developer Tools: Git, Postman

Libraries: jQuery, Alpine JS

PROJECTS

HGrid [Yii2 Extension] | *Yii2, PHP, Javascript, jQuery*

[Github](#)

- Engineered an innovative Yii2 extension enabling seamless real-time editing within the Yii2 grid view framework.
- Implemented Ajax requests to the server, utilizing masked model class paths to efficiently update records
- Designed the extension to intelligently detect and modify related data within the grid view, enhancing user experience and efficiency with data validation

ProfilePage [Link Tree Clone] | *PHP, Alpine JS, MySQL, Tailwind*

[Github](#)

- Spearheaded the development of a comprehensive full-stack web application leveraging PHP, MySQL, and Alpine JS for front-end functionality
- Leveraged cURL and Window's Fetch API to retrieve and display website favicons for linked URLs, enhancing user experience.
- Reduced latency by 25% by using window's FETCH API to retrieve website favicons

EDUCATION

Indira Gandhi National Open University

Delhi, India

Master's in Computer Application

2023 - 20XX

Indira Gandhi National Open University

Delhi, India

Bachelor's in Computer Application

2019 - 2024

Anugrah Narayan College

Patna, India

Bachelor's In Science (Physics) (H) 74.6% (3rd College Topper)

2018 - 2021

ACHIEVEMENT / CERTIFICATE

Samarth eGov

Certificate

Outstanding contribution and unwavering commitment

2023