

# AMAN VASHISTHA

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## SKILLS

**BACK END DEVELOPMENT** | Java • Python • C++ • SpringBoot • NodeJS • Express • Django

**DATABASES** | MySQL • MongoDB • Neo4j • Cassandra

**FRONT END DEVELOPMENT** | ReactJS • JavaScript • Bootstrap • CSS • HTML

**MISCELLANEOUS** | Amazon AWS • Kafka • Redis • Jenkins • Zookeeper • Machine Learning

## EXPERIENCE

**Gameskraft Technologies Pvt Ltd | Software Engineer**

**January 2023 - present**

- Developed new APIs and features in Microservices and handled using both Sync and Async System Architecture with Java SpringBoot, Apache Kafka, Redis, Zookeeper and Amazon AWS.
- Optimized and monitored existing features and functions of various Microservices which serve over 24,000 requests/minute .
- Database management including MySQL, MongoDB, Neo4j and Cassandra with data processing python scripts to clean the data.
- Added add-on services, features and bug fixes in Customer Relationship Management Console using React JS.
- Developed an E-commerce app during bootcamp period using NodeJS, MongoDB, SQS, AWS and React Native.

**Amnet Systems | Machine Learning - AI Project Internship**

**July 2021 - October 2021**

- Analyzing and preparing suitable design, model training structure & data that is required for ML-AI Project.
- Researching industry trends and best practices to prepare the data requirement framework.
- Working closely with the Editorial and product teams to understand requirements and execute projects.

**Variate Consultants Pvt Ltd | Web Development Internship**

**February 2021 - April 2021**

- Developed UI-UX Design using WordPress of an E-commerce website including Theme Customization.
- Customized front-end (user-end) part using WordPress themes and features, Javascript, and CSS.
- Modification of content for better Search Engine Optimization (SEO).

## COURSES

- Data Structures and Algorithms and Algorithm Design
- Web Development and Computer Networking
- Database Management and Object Oriented Programming

## EDUCATION

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT), KOTA**

Bachelor of Technology, Computer Science and Engineering, Graduation: 2023

CGPA: **9.01/10**

**DEEP MEMORIAL PUBLIC SCHOOL, GHAZIABAD, UTTAR PRADESH**

Class XII, C.B.S.E., Science Stream

Percentage: **94%**

## PROJECTS

**Image Contrast Enhancement Research | Image Processing, Algorithms** [\[Link\]](#)

- Optimized the algorithms which are used in enhancing the image contrast of the satellite images.
- Used Image Processing Algorithms such as Histogram Equalization and Cuckoo Search with optimization techniques to compare results with respect to similarity indices of the images.
- Better results were obtained with newer optimizations.

**Salary Predictor | Python, Scikit learn, Pandas** [\[Link\]](#)

- Developed a Salary Predictor using Python and Regression models which as a model, learns from the previous data points.
- Selection of the best regression model is done for the given data and predictions were made on output for the user based inputs such as working experience and education.

## ACHIEVEMENTS

- **Expert (1644)** at Codeforces with **369** Global Rank in Codeforces Round #726 (Div. 2)
- **5 Star (2119)** on Codechef with **27** Global Rank in Codechef February Starters 2022
- **768** Global Rank in Google Kickstart Round H 2021

## INTERESTS

Sports • Arts • Problem Solving • Traveling • Self-Improvement • Fitness