

rahul agrawal

Software Engineer

I specialize in back-end development with relevant experience of 1.5+ years in the industry



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WORK EXPERIENCE

Software Engineer

Newgen Software Technologies Ltd.

08/2018 – Present

Noida, India

Deals in BPM, ECM & CCM products across countries

Achievements/Tasks

- I developed back-end systems with RESTful Webservices in Java and Spring Framework, Jersey and Oracle SQL
- I helped automate asset monitoring and reporting processes for Citi Bank by creating interactive dashboards
- We make applications that thousands of bank employees across multiple regions use to monitor and report assets and securities

PROJECTS

Handwritten Character Recognition using ML : Using the MNIST dataset for handwritten characters, we worked on a supervised model to recognize characters using gradient descent learning algorithm with backpropagation for modifying weights and biases. This was done to convert physical documents to online soft copies. We achieved an accuracy of over 96% in the process (08/2017 – 01/2018)

Online Banking System : I built a virtual bank account with functionalities for account creation, money deposit and withdrawal and account deletion using Java, Servlets, JSP and an RDBMS like MySQL database (06/2017 – 07/2017)

EDUCATION

B.tech, Computer Science & Engineering

AKGEC, Ghaziabad

08/2014 – 07/2018

73.6%

Intermediate

St. Joseph's College, Allahabad

04/2012 – 04/2013

83.2%

High School

St. Joseph's College, Allahabad

04/2010 – 04/2011

87.7%

SKILLS

Java Python Spring Hibernate

RESTful API Javascript Design Patterns SQL

Agile BitBucket Swagger UI Linux

Verbal Communication

ACHIEVEMENTS

Member of techno-cultural society Horizon at college level

Coordinator at the annual college festival Tech-Trishna

Vice-President of Literary Society at school level

Won inter-school speech and writing competitions

CERTIFICATES

Wheebox Employability Skills Test (WEST)
(09/2017 – Present)

82nd percentile

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Music

Mathematics

Learning

Data Science

Technology