Abhinav Tiwari

Software Engineer-Backend

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Education

College: Galgotias College of Engineering and Technology(GCET), Greater Noida, UP, India
University: Uttar Pradesh Technical University
Batch: 2013-2017
Course: B. Tech - IT
Score: 73.38

Senior Secondary
RAMPUS, CBSE | 2012 | 68.4 %

High School
RAMPUS, CBSE | 2010 | 83.38 %

Skills

>Java, NodeJS, Python, Springboot
> Git, GraphQL, Javascript, Django
> C++, HTML/CSS, jQuery,
Postman, PHP, Data Visualization
> Chart.js, Highcharts, Materialize,
Bootstrap, JIRA, MongoDB, CI/CD

Achievements

> 94 percentile in NPAT by NPTEL.
> 100% in Computer Programming in AMCAT.
> Venturesity Code-Golf Week 1 Winner.
> GeeksforGeeks Geekathon Rank 98.
> Qualified for Round 1 - Facebook HackerCup, Google CodeJam in 2016.

> Certifications: National Programmer Aptitude Test(NPTEL), TCS CodeVita Season 5(TCS), GeeksforGeeks, Codecademy

Interests

> Data Structures and Algorithms
> Problem Solving
> Back-end Engineering
> NodeJS
> Competitive Coding
> Chrome Extensions

Work Experience

SOFTWARE ENGINEER - III | WALMART, BANGALORE — Aug 2021 - Current

Metadata Service Back-end:
- Designed and developed GraphQL solution to provide related page links of the most popular topics w.r.t Walmart SEO on Walmart Canada website.
- Automated the legacy data migration using Java APIs across different microservices.

Dynamic Rendering Service:
- Enhanced dynamic rendering for improved crawling of pages by all types of bot agents of different search engines like Google.
- Led the enhancement of server-side rendering by 30% for multiple Walmart eCommerce sites within the Mexico region, spanning various banners.

Technologies:
- NodeJS, Java, Springboot, GraphQL, Git, OneOps, Splunk, ServiceNow

SOFTWARE ENGINEER - II | RELIANCE RETAIL(AJIO), BANGALORE — Nov 2019 - Aug 2021

Vendor Management System.
- Implemented a cross-system backend integration for product creation and listing, automating workflows across multiple microservices.
- Developed and implemented the onboarding process for B2B, B2C, and COMMON Business Model sellers on ajio.com
- Developed script automates daily reporting, optimizing issue tracking by 50% and facilitating efficient escalation across all levels.

Technologies:
- Spring Boot, Java, Python, MongoDB, Git, Swagger, Apache Kafka

SOFTWARE DEVELOPER - DECISION POINT ANALYTICS, Gurgaon — Feb 2018 - Oct 2019

Sales Reporter Chatbot:
- Designed and launched a Google Dialogflow powered Sales Analysis Chatbot hosted on Facebook Workplace leveraging Node.js, React and Django boosting data-driven decision-making and saving 15 hours weekly for clients.
- Successfully migrated Google Dialogflow integration code from v1 to v2 on the Node server, ensuring compatibility and improved performance.
- Innovatively localized chatbots for country-specific languages, enabling successful launches in Cambodia and Myanmar as well.
- Leveraged REST services on Django to establish robust backend API services for user management, employing MySQL and BigQuery for efficient data handling.
- Engineered a modular ReactJS dashboard for chatbot user management, permissions adjustments, and insightful report tracking.

Miscellaneous:
- Built 15 data visualizations in two weeks through strong collaboration, leading to better data insights.

Technologies:
- Node.js, React.js, Angular7, Python(Django), Javascript, Dialogflow, BigQuery, MySQL, Angular Material, MaterializeCSS, Bootstrap, HTML/CSS.

SOFTWARE ENGINEERING INTERN - NAVYUG INFOSOLUTIONS, Noida — Jul 2017-Jan 2018

Internal ERP System:
- Designed and implemented the Work from Home module, allowing employees to submit and manage remote work requests based on their roles using Odoo 9 and 10 frameworks.

Technologies:
- Odoo 9/10, XML, Python, JavaScript, PostgreSQL, HTML5, Jinja 2, Bootstrap, Git.

PROGRAMMING INTERN - GEEKSFORGEEKS, Noida — June-July 2016

ARTICLES:
- Authored and published 8 original technical articles focused on Data Structures, Algorithms and Programming languages on the official GeeksforGeeks website.