

CHANDAN KUMAR BARNWAL


OBJECTIVE

Targeting opportunities in the IT industry, particularly in software development, with a focus on full stack development. Targeting IT companies in Bangalore, open to remote work.

CONTACT

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CORE COMPETENCIES

- Cloud Computing
- Data Analytics
- User Experience
- Agile Methodology
- Artificial Intelligence
- Machine Learning
- Quality Assurance
- Requirement Gathering
- Software Development Life Cycle
- Troubleshooting

TECHNICAL SKILLS

- SKILLS
- ReactJs, NodeJs, ExpressJs,
 - Mern Stack, Full Stack Development
 - Backend development
 - Frontend development
 - NestJs
 - TypeScript
 - Python & Flask framework
 - JavaScript code testing framework - Jest
 - MySQL, PostgreSQL, MongoDB Database
 - PHP7 & MVC Framework
 - Docker and Kubernetes
 - Laravel, CodeIgniter
 - API Development
 - AJAX, JSON, HTML5 & CSS3
 - Bootstrap
 - JavaScript & JQuery
 - GitHub, Bitbucket, CUrl
 - ChatGPT – AI Tools
 - Two-way communication: socket.io
 - OOPs Concept
 - Click house, Logstash, ELK stack, Apache Airflow, Kafka

TOOLS / IDE

- Eclipse
- Visual Studio Code
- Sublime
- BitBucket, Github
- JIRA

OPERATING SYSTEM

- Ubuntu 18.04
- Windows 8/10 & MacBook

PROFILE SUMMARY

- Excelled in the IT industry for more than 6 years, focusing on crafting innovative web-based applications and APIs.
- Led the team at Zee Entertainment Enterprises as a Senior Software Engineer, driving the development of cutting-edge CDN projects.
- Proficient in a wide range of technologies including ReactJs, JavaScript, TypeScript, HTML5, CSS3, NodeJs, ExpressJS, NestJs, MySQL, MongoDB, Python, Flask, and Docker.
- Executed effective bidirectional communication through socket.io, highlighting exceptional teamwork and communication aptitude.
- Showcased proficiency in optimizing data management through effective Database Design, Management, and SQL query execution.
- Spearheaded the creation of groundbreaking cloud solutions at Zee Entertainment Enterprises, guiding a team towards success.
- Proficiently apply MVC architecture to develop applications, guaranteeing resilient and scalable software outcomes.
- Possess comprehensive expertise in RESTful API development, ensuring smooth integration and optimal functionality across diverse projects.
- Proficient in Agile Methodology, leveraging iterative development practices to deliver high-quality software solutions professionally and adapt to changing project requirements.
- Achieved a reduction in API response time through optimization strategies implemented in the current role at Zee Entertainment Enterprises, enhancing overall project efficiency and user experience.

WORK EXPERIENCE

Zee Entertainment Enterprises, Bangalore

Senior Software Engineer

Aug'2022 - Mar'2024

Key Result Areas:

- Developed and maintained data pipelines using the ELK stack (Elasticsearch, Logstash, Kibana) for real-time log processing, analysis, and visualization.
- Designed and implemented auto-remediation work-flows using Apache Airflow and ElastAlert2 to detect and respond to data pipeline incidents automatically.
- Integrated ElastAlert2 with Apache Airflow to automate incident response based on predefined rules and thresholds.
- Created data pipelines by extracting data from sources like MySQL, Kafka, MongoDB; transforming it through Logstash; and loading it into a Clickhouse-based data warehouse.
- Developed and scheduled batch jobs using Apache Airflow.

Project

Hyper-local Content Delivery Network (CDN) Project:

Responsibilities:

- Led a team of 15 as a Developer and Unit Tester in building a hyper-local Content Delivery Network (CDN).
- Utilized skills in Node.js, Express.js, Nest.js, Jest, Python, Go, JavaScript, MySQL, MongoDB, and HTML5.
- Contributed to ZEE's pioneering Hyperlocal Cloud platform, addressing connectivity and context awareness challenges for the Internet of the Future.
- Implemented solutions to enhance connectivity, availability, reliability, latency, and cost-effectiveness for connected devices, applications, people, and things.
- Played a key role in delivering best-in-class experiences for the connected, under-connected, and unconnected users.

Justdial Ltd., Bangalore

Senior Software Engineer

May'2021 - Jul'2022

Project

JustDial Business Listing Page Project:

Responsibilities:

- Led a team of 5 as a Developer and Unit Tester in the development of the JustDial Business Listing Page.
- Utilized skills in React.js, Node.js, Express.js, PHP7, JavaScript, MySQL, MongoDB, HTML5, and CSS3.
- Implemented functionality allowing business owners to list their businesses for free or opt for paid listings, choosing from various packages provided.
- Enabled business owners to provide all necessary details of their businesses for listing.
- Enhanced user experience by providing comprehensive information on services/products and business owners when users search for relevant services/products in their area.

SkillRary Software Solution Pvt. Ltd., Bangalore

Full Stack Web Developer

Feb'2020 - Mar'2021

Project: E-Learning Platform and Online Examination System

Responsibilities:

- Managed a team of 5 as a Developer and Unit Tester in the development of an E-Learning Platform and Online Examination System.
- Applied expertise in ReactJS, NodeJS, ExpressJS, PHP7, Laravel5.7, JavaScript, MongoDB, MySQL, HTML5, and CSS3.
- Established an e-learning platform offering digital and online courses globally through SkillRary's Distance Education program.
- Facilitated both free and paid tuition options for learners.
- Implemented an efficient online examination system to assess learners' knowledge and skills.

Let's Service Automotive Technologies Pvt. Ltd., Bangalore

Full Stack Web Developer

Aug'2019 - Jan'2020

Project: LetsQ Application

Responsibilities:

- Contributed as a Developer and Unit Tester in a team of 5.
- Applied skills in PHP7, Lumen-Laravel, JavaScript, jQuery, MySQL, HTML5, and CSS3.
- Spearheaded the development of the LetsQ Application, aimed at empowering the automobile industry.
- Designed a suite of tech products tailored to optimize the efficiency of partner service centers.
- Focused on enhancing convenience for customers through innovative technological solutions.

HappLab Software LLP, Bangalore

Full Stack Web Developer

May'2018 - Jul'2019

Project: Reinsurance Revenue Accounting

Responsibilities:

- Contributed as a Developer and Unit Tester in a team of 5.
- Applied skills in PHP7, JavaScript, HTML5, CSS, JQuery, and PostgreSQL.
- Engaged in the development of the Reinsurance Revenue Accounting module for Global Insurance Brokers Pvt. Ltd.
- Aimed to address the needs of insurance companies by mitigating risk through reinsurance arrangements facilitated by a broker.
- Primary objective focused on minimizing risk exposure for insurance companies by securing reinsurance coverage on client premiums.

EDUCATION

- B.E. in Computer Science & Engineering, SJBIT (VTU), Bangalore, 2016

CERTIFICATION

- NodeJS certified from Udemy.

SOFT SKILLS

- Problem-Solving Expertise
- Quick Learner
- Adaptability
- Independent and Efficient
- Analytical Skills
- Effective Communication
- Coordination
- Positive Attitude

PERSONAL DETAILS

- **Date of Birth:** 28th February 1995
- **Languages Known:** English & Hindi