

# 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

✉ chandanbarnwal111@gmail.com

☎ +91 7411285610

🌐 <https://www.linkedin.com/in/chandan-barnwal-3100b0b3/>  
<https://github.com/chandankumarbarnwal>

## 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
- Microservices, REST 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 Microservices and REST APIs Development.
- 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:** 28<sup>th</sup> February 1995
- **Languages Known:** English & Hindi