Yumnam **Ningthem** Singh

Full Stack Developer / Software Engineer

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With the on-going technological & developmental competition, seeking a challenging software development opportunity in a dynamic environment where innovation, education and sense of ownership are valued and encouraged.

Skill Highlights

- **Languages:** Python, PHP, C, SQL, Unix, JavaScript

- **Frontend Technologies:** React, Redux, Axios, React Spring, React Profiler, React-Redux, Jest, Lazy Loading, JWT, HTML, CSS, JavaScript, Bootstrap, WordPress

- **Backend Technologies:** Django, Django REST Framework, Django Authentication, Token Authentication YII PHP Framework

- **Machine Learning – AI:** Knowledge on Deep Learning, Neural Networks, Tensorflow-Keras, CNN, Computer Vision, Scikit-Learn, Matplotlib, Pandas, SVM, SVC, Classification, Regression, Clustering

- **Interests:** Web Development, Learning New Skills, Machine Learning & AI, Data Analysis, ETL, Microprocessors and Controllers,

- **Database:** PostgreSQL, Microsoft SQL Server, mySQL, FireStore, SQLite

- **Tools & Software:** VS Code, Postman, PyCharm, WordPress, Sublime Text, Git, Photoshop, Jupiter Lab, Putty, Figma

Work Experience

Software Engineer – Application Development Analyst

+ *Accenture – Bengaluru, India*

July 2015 – July 2018

Full Stack Developer:

- Django Web Framework in Python is used to develop various web-apps for clients to generate reports from the huge volume of data generated by the ETL overnight.

- Experienced in working with server-side technologies including databases, restful API and MVT design

- Knowledge about setting up Python REST API Framework using Django and Django Rest Framework.

- Implementation of the set of new API endpoints, that provided critical connectivity channel for distributed functionality and increase system cohesion keeping manageable code complexity.

- Having experienced in Agile Methodologies and sprints experience.

- React and Redux is used for developing the frontend designs and components

- Worked with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.

- Developed web-apps related to Banking and Financial systems, Insurance, Policies, claims etc. where Web security is at highest priority.

- Communication with different stakeholders to address new requirements, issues, bug-fixes etc.

- Profiling, Troubleshooting & Bugs fixes for the business-critical web application that helped to tune system performance and decrease average response time.

- Experienced in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers using relational databases like MSSQL and MySQL Server.

ETL, Data Warehousing, SQL Developer:

- Designed and developed ETL modules using IBM DataStage to process huge volume of financial data. Wrote UNIX scripts to run CRON Jobs and for file handling in DataStage.
- SQL Scripts are created for Client to examine data and derive conclusions based on the reports.
- SQL Stored Procedures are developed to achieve complex logics given by the client to extract the data and transform to meet the requirements.

+ *Freelancer –*

Banking – Loan Management System:

- Designed and developed a fully functional Loan Management WebApp that handles Loans taken by users, transactions and payments made with visual analytics of the company using ChartJS.

Banking – Investor Management System:

- Designed and developed WebApp to manage Investors and the amount invested by them. Monthly interest withdrawals tracker was implemented to manage payments needed to be done to the investors. Visual analytics in graphs and charts are designed using ChartJS and CanvasJS.

Ecommerce Website:

- Designed and developed an ecommerce website with Admin Systems to manage orders, coupons, cancellations, product management, order management, order reports, purchase reports, Wishlist etc.

HR Management System:

- Developed a HR Management Webapp which manages an employee's status, attendance-check- ins, checkout, late tracker, payroll system, auto calculation of salary based on attendance and unpaid leaves, leave management with visual analytics of the company.
- Face Recognition Attendance system is implemented for contactless check-ins using Machine Learning Models and Django.

POS Management System, School Management System

🖥 Some Projects

django-react-ecommerce.vercel.app – Ecommerce site developed using React, Django & Redux

yournxtstore.com – Ecommerce site which is currently delivering products to customers

dashboard.edor.in – A student career guidance site from experts and counsellors.

Demo username: basanta, password: 11111111

🏆 Professional Achievements

Client Excellence Award given by the **Chief Operating Officer (COO)** of the **Royal Sun Alliance, London, UK**(Client) and **Accenture Leadership.**

Received **Magic Box** award twice for exceptional performance from the team.

Nominated for **Accenture Diamond Awards** given by Accenture at the project level.

🎓 Education

Alagappa Chettiar Government College of Engineering and Technology, Karaikudi, Tamil Nadu
B.E. in Electrical and Electronics Engineering

📋 Extra-Curricular Activities

Achieved 5th position in State Level Slogan Competition on HIV/AIDS

Achieved 2nd position in District Level Painting Competition

🪴 Hobbies

Gardening, Coding, Cooking, Study about Space Science, Learning new things, Meditation