

Gautam Saluja

Software Engineer

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[in](#) [Gautam](#)



I am a computer science enthusiast. I contribute towards the full stack development and technical architecture. I possess over a decade of software development experience, primarily on UNIX based systems. I have worked on various levels in computing, right from the firmware level to microservices that run in the cloud. I am an advocate of agile methodology with a keen focus on test driven development. My strengths include a logical mindset, capability to quickly learn and a passion for what I do. I am pragmatic about hiring and blend well into teams with varying needs.

SKILLS

Development

javascript | java | python | c++ |
bash scripting

Frameworks/API

react.js | redux | react hooks |
spring-boot | spring-webflux | django |
upnp | fastapi | pytorch | numpy |
pandas

Technologies/Domain

webrtc | oauth2 | http | multithreading |
unix | docker | debugging | oop | git |
vector db | google cloud | etl |
embedded systems

WORK EXPERIENCE

Software Engineer at ApertureData February 2022- Current

<http://aperturedata.io>

ApertureDB: A database purpose-built for multimodal AI

- Stabilizing and enhancement of the SDK for interaction with the DB
- Customer interaction and prioritization of new feature asks
- Model based query generation, and parallelization improvements
- Integration with popular applications, with compelling POCs across use cases

Senior Software Engineer at Ascension August 2019- February 2022

<https://www.ascension.org/>

Ascension : a faith-based healthcare organization dedicated to transformation through innovation across the continuum of care

- Architecture of a start up in health care space
- Backend with microservices in GCP using spring boot's features like webflux, reactive programming
- Front end development using React.js, redux and WebRTC
- Overlap with CI setup and bootstrapping the development processes

Technical Consultant at Apex Systems August 2019- August 2020

<https://www.apexsystems.com>

Apex Systems is a world class technology services business that incorporates industry insights and experience to deliver solutions that fulfill our clients' digital visions

- Contributing to a organization trying to bootstrap it's digital presence and tech architecture.

Software Engineer at FTD February 2018- July 2019

<https://ftd.com>

FTD Companies, Inc. is a premier floral and gifting company with a vision to be leading and most trusted floral and gifting company in the world

- Design and development of e-commerce platform on GCP using features like datastore, pub/sub, Kubernetes
- Backend development of document search using Elasticsearch store
- Initiated various data movement/ingestion pipelines across various microservices
- Development in Payment services using gift certificates. Management of life cycle of Gift Certificates
- Data Migration processes to efficiently move large volumes of data from relational DB to document based DB
- Implemented security best practices for PII data and identity establishment.

Consultant at GE Transportation **November 2017- February 2018**

<http://www.getransportation.com>

GE Transportation combines decades of industrial leadership with cutting-edge data science and analytics acumen to create an efficient, productive and reliable digital-rail ecosystem

- Implemented the path exploration logic in a railroad map
- Contributed to some front-end changes on the map display

Software Engineer at InstartLogic **October 2013- March 2017**

<https://instartlogic.com>

Instart Logic provides a disruptive and completely new way to accelerate web and mobile performance.

- Owned the automation framework for testing microservices
- Developed tools to simulate deployment on a distributed setup
- Created interactive dashboards to give a high level overview of health of a release

Software Development Engineer in Test at Microsoft **February 2011- October 2013**

<https://microsoft.com>

Microsoft provides the world's most popular Operating System. Part of Windows group for a application that facilitates IP Address management.

- Developed the automated tests and framework for the IP Address management application
- Refactored the framework to be easily extendible

Module Lead at Nagarro Software **January 2009- February 2011**

<https://nagarro.com>

Nagarro drives technology-led business breakthroughs for industry leaders and challengers.

- Lead the Development of a presentation software which included advanced features like DirectX playback, transformations, blending
- Development of DEA mandated CSOS standard based application
- Led development effort in POCs based on Linux platform and devices

Senior Software Engineer at Samsung Electronics **June 2006- January 2009**

<https://samsung.com>

Samsung is the worldwide leader in digital displays and telecommunication devices

- Developed Signage solutions for Samsung Displays

- Developed a customized Linux distribution to be used in B2B thin clients
- Worked on POCs for alternate uses of digital display devices

Development Engineer at Kritikal Solutions **October 2005- June 2006**

<https://kritikalsolutions.com>

Kritikal Solutions is a technology design house specializing in Product Development, R&D and Innovation

- Worked on Location tracker based on GSM based triangulation for vehicles
- Worked on parsing html feeds into structured EPG data

VOLUNTEER

Technical head at Forum2K, SMIT

August 2003 - January 2004

<https://smu.edu.in/smit.html/>

Coding club in college.

- Organized and participated in various competitive programming events

EDUCATION

Bachelors Computer Science at Sikkim Manipal Institute of Technology

2001 - 2005

Major courses: microprocessors | operating systems

Grade: 4.0

AWARDS

Team of the quarter at Nagarro

2011

Outstanding work for Renewed Vision.

Windows 8 Ship It at Microsoft

2013

Release of Windows 8.

LANGUAGES

English

fluent

Hindi

Native speaker

INTERESTS

Music

Skills acquired: guitar

Cycling

Skills acquired: trails | off road