Sujit Joshi

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EDUCATION

- **George Mason University** — Fairfax, VA
  Master of Science in Computer Science; GPA 3.7 — *Aug. 2009 – May. 2011*

- **Datta Meghe College of Engineering** — Navi Mumbai, India
  Bachelor of Engineering in Information Technology; GPA 3.7 — *Aug. 2003 – July. 2007*

EXPERIENCE

- **TNS Inc** — Reston, VA
  Software Engineer 4 — *Mar 2018 - Present*
  - **Owner of web portal called Oculus**: Responsible for owning financial division's offering called Oculus.
  - **ETL**: Extract-transform-load metrics from multi-regional devices.
  - **Oculus - Web portal**: Display metrics in user-customizable dashboards. Also used for user management, device management, etc.
  - **Alerts**: Allow users to create alerts based on a criteria that they can define.
  - **CI/CD**: Integrate the project with Gitlab cloud using Docker executor.
  - **Dockerized projects**: Dockerized most of the tools used within the company.

  Languages/Technologies used: Spring Boot, Hibernate, Influx, Chronograf, Kafka, Kafka Streams, Apache Flink, Apache Geode (distributed cache), Highcharts, Smartclient UI (by Isomorphic Software), Vue 3, Quasar, Keycloak

- **Successfactors, an SAP Company** — Reston, VA
  Senior Software Engineer — *May 2014 - Mar 2018*
  - **Upgrade BIRT**: Upgraded the reporting framework called Business Intelligent and Reporting Tools (BIRT) which not just improved the build process but also gave customers many new reporting features.
  - **Offline Player**: Offline Player allowed users to finish courses offline. Their progress was synced later then they got online.
  - **SME for BIRT reports**: Point of contact for all reporting issues customers faced.

  Languages/Technologies used: Java, Spring, Hibernate, Install4j, Odata

- **Overture Inc.** — Bethesda, MD
  Software Engineer — *Jan 2011 - May 2014*
  - **Moss**: Implemented instant mortgage upload functionality which allows users to import loans when they login and not wait for the nightly import scripts. Also used Java POI, a Java API for Mircosoft Documents. The imported loans were used by company's propriety rule engine called Maestro.
  - **MODM**: Mapped data files in XML and Excel to MISMO (format widely used in mortgage processing firms) templates.
  - **BIRT**: Integrated Business Intelligent and Reporting Tools (BIRT) in Moss and MODM.

  Languages/Technologies used: Java, Spring, Hibernate, XML

SIDE PROJECTS

Druid, a Rust native, platform independent GUI toolkit

- Introduce intrinsic widget: Widgets that expand/shrink based on its contents.

- Dropdown widget: Widgets that are overlayed on main window.