



# Mandar Sahasrabuddhe

Email: [mandar@kovidbioanalytics.com](mailto:mandar@kovidbioanalytics.com) • Call: +91 982 301 4386 • Visit: [www.kovidbioanalytics.com](http://www.kovidbioanalytics.com)

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## Business Head

- Bioinformatics and Clinical Informatics professional with 8 years of experience leading analytics, development and testing teams on software and support services.
  - Skilled analyst with sound statistical knowledge and analytical skills. Have completed 40+ data analysis projects in Clinical and Bioinformatics domain.
  - Experienced in Business Development, Requirements Analysis, Statistical Analysis, PERL scripting, Database Management and Data Mining.
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## Skills

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|--------------------------------|----------------------|
| • Bioinformatics               | • Business Analysis  |
| • PERL Scripting               | • Project Management |
| • Database Management & Design | • Software Testing   |
| • NGS Data Analysis            | • Data Mining        |
| • Genomic Data Annotation      | • Content Writing    |
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## Certifications

**ISTQB Certified Professional Software (Tester Level 1)**

**HIPPA Awareness and Data Confidentiality Certification**

**Bioinformatics National Certification (BINC)**

**CSIR-NET Junior Research Fellowship**

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## Professional Experience

**KOVID BIOANALYTICS, PUNE, INDIA** – *A Bioinformatics & Clinical Informatics company*

**Business Head**, Jan 2013 to Present

Manage marketing and business development, lead generation, developing business strategies, managing a team of Bioinformatics/Clinical Informatics experts and developers on various Clinical Informatics or Bioinformatics projects.

### **Selected Accomplishments:**

- Completed a Proof of Concept study for a NGS-based platform for a client.
- Complete requirements analysis and project management for a seed-to-sale application for medicinal marijuana usage as per the MMPR regulations in Canada.
- Provide active support in configuration, adoption and customization of OpenEMR application for clinicians all over the world.

January 20, 2017

Resume



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- Clinical Data Analyst for various Medical Schools in India – Statistical analysis of Clinical Trials data using SPSS: Frequency Distribution, Univariate Analysis, Multi-variate Analysis, Regression Analysis, Survival Analysis, etc.
- Data Mining and Literature Review for Pediatric Cancer Treatment Decision Making System for West Mead Hospital, Australia – performed literature review for research done till date in designing a symptom-based decision making and protocol selection systems for treatment of pediatric cancer.
- Provide Bioinformatics trainings at various educational institutes in Maharashtra, India.

**KRISHAGNI SOLUTIONS, PUNE, INDIA** – *A Clinical Informatics company*

**Senior Member of Domain Team**, July 2011 to December 2012

**Consulting Analyst**, January 2013 to July 2015

Managed a QA team of 4 and an Analytics team of 6 members on various Clinical Informatics and Bioinformatics projects. Experience as a software tester and team lead as well as a bioinformatics analyst.

***Selected Accomplishments:***

- Lead a QA team for below Clinical Informatics projects for Washington University at St. Louis
  - a. ClinPortal
  - b. Research participant registry
  - c. Health Street
- Clinical Data Confidentiality and HIPAA/HITECH evaluation expert for various Clinical Informatics projects.
- Genomics Data Annotator for CBMI, Washington University at St. Louis – Annotation of genomic data and mutations for cancer panels from various sources like NCBI PubMed publications, NCCN Guidelines, ASCO Guidelines, FDA documents.
- Provided business analysis support for various services at Krishagni on products like OpenClinica, Open Specimen, etc.
- Attended ISBER conference as a business representative for Open Specimen in Spain in 2014.

**PERSISTENT SYSTEMS LTD, PUNE, INDIA** – *An Outsourced Products Development and IT services company*

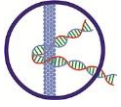
**Associate Domain Analyst**, October 2007 to December 2009

**Domain Analyst**, January 2009 to April 2010

**Domain Lead**, May 2010 to June 2011

***Selected Accomplishments:***

- Manual Software Tester for Clinical Informatics Projects for Washington University at St. Louis
- Lead a QA team for below Clinical Informatics projects for Washington University at St. Louis
  - a. ClinPortal
  - b. Research participant registry
  - c. Health Street



- d. CIDER
- e. Dynamic Extensions
- UML Model Designing for Clinical Informatics projects for Washington University at St. Louis and National Cancer Institute, USA - ClinPortal, Health Street, Research Participant Registry, Dynamic Extensions, caTissue Suite
- Data Analyst for a bioinformatics project on Loss of Heterozygosity for Washington University at St. Louis.

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## Technology

- Bioinformatics:** NGS Analysis, Statistical Analysis, Data Annotation, Data Migration, Algorithm Testing,
- Software:** PERL scripting, Python Scripting, HTML
- Databases:** MS SQL, MySQL, SQLite, Oracle SQL, MongoDB

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## Education

**UNIVERSITY OF PUNE, Pune, India**

**Master of Science, 7/2007**

- Major: Bioinformatics
- Graduated with a GPA of 7.9

**UNIVERSITY OF PUNE, Pune, India**

**Bachelor of Science, 6/2005**

- Major: Zoology
  - Graduated with 87.5%
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